DOCUMENT RESUME

ED 021 417 EF 001 735

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PROCEDURES, PLANNING GUIDES, AND COST DATA FOR COMMUNITY COLLEGES.

State Univ. of New York, Albany. Office of Architecture and Facilities.

Note-121p.

EDRS Price MF-$0.50 HC-$4.92

Descriptors-*CAMPUS PLANNING, *COMMUNITY COLLEGES, CONSTRUCTION COSTS, *ESTIMATED COSTS, EVALUATION METHODS, FACILITY GUIDELINES, FACILITY UTILIZATION RESEARCH, FINANCIAL POLICY, *METHODOLOGY, POLICY, PROGRAM BUDGETING, STUDENT ENROLLMENT

A guidebook of required procedures for capital construction programs for community colleges in New York State. Existing community colleges are listed giving actual and estimated enrollments for 1963-1974. Required procedures specified include--(1) initiation of capital construction and budget requests, (2) space utilization and space projections, building requirements program, (3) rules of procedure for approval of preliminary drawing requirements, and (4) acquisition of additional land for community colleges. Other requirements outlined include building codes, fee schedules, time schedules, site selection, and policies regarding carpeting and air conditioning. Cost data for existing colleges and cost guidelines for proposed facilities are included. (NI)

STATE UNIVERSITY OF NEW YORK
OFFICE OF ARCHITECTURE & FACILITIES

PROCEDURES, PLANNING GUIDES, AND COST DATA FOR COMMUNITY COLLEGES

JANUARY 1, 1967

ED021417
EF 001735

STATE UNIVERSITY OF NEW YORK
OFFICE OF ARCHITECTURE & FACILITIES

PROCEDURES, PLANNING GUIDES, AND COST DATA FOR COMMUNITY COLLEGES

JANUARY 1, 1967

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
OFFICE OF EDUCATION

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BY

ELLIS M. ROWLANDS

EF 001735

STATE UNIVERSITY OF NEW YORK
OFFICE OF ARCHITECTURE AND FACILITIES
COMMUNITY COLLEGE FACILITIES PLANNING

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- Jamestown
- Niagara
- Westchester
- Monroe
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- Orange
- Queensborough
- Rockland
- Kingsborough
- Staten Island

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- Corning
- Hudson Valley
- Jefferson
- Mohawk Valley
- Onondaga
- Suffolk
- Sullivan
- Ulster

STATE UNIVERSITY OF NEW YORK
COMMUNITY COLLEGES
ANTICIPATED GROWTH
FULL TIME DAY STUDENT ENROLLMENT 1963 - 1974

COMMUNITY COLLEGE	ACTUAL			ESTIMATED*					SUNY ENROLLMENT** PLANNING GUIDE	
	1963	1964	1965	1966	1967	1968	1969	1970	1970	1974
Adirondack	385	628	822	850	950	1000	1100	1200	1200	1600
Auburn	663	920	1149	1200	1225	1250	1275	1300	1300	2200
Bronx	1200	1730	2423	2500	2600	2700	2800	3000	5000	6100
Broome	1112	1450	1421	1600	1800	2200	2400	2800	2800	3800
Clinton	0	0	0	0	0	200	350	500	500	800
Columbia-Greene	0	0	0	0	0	200	350	500	500	800
Corning	737	1090	1433	1500	1600	1600	1700	1800	1800	2500
Dutchess	1099	1485	1614	1700	1800	1900	2000	2300	2300	4900
Erie	1874	1878	2126	2340	2375	2600	3175	4300	4300	5600
Essex-Franklin	0	0	0	0	100	200	350	500	500	800
Fashion Institute	1336	1490	1555	1600	1700	1700	1700	1700	2800	3600
Fulton-Montgomery	0	330	667	700	800	1000	1100	1200	1000	1800
Genesee	0	0	0	0	100	200	350	500	500	800
Herkimer	0	0	0	0	100	200	350	500	500	800
Hudson Valley	1593	2180	2474	2600	2700	2800	2900	3000	3800	5400
Jamestown	460	586	665	750	800	900	1100	1300	1300	1500
Jefferson	118	360	591	650	700	800	950	1100	1100	1200
Kingsborough	0	446	1501	1800	1500	2000	2500	3000	3100	6000
Manhattan	0	431	979	1000	1000	1000	1000	1000	2300	6100
Mohawk	1159	1144	1329	1400	1500	1600	1750	2000	2000	2800
Monroe	1410	2105	2082	2100	2500	3000	3600	4500	4500	6000
Nassau	998	1750	2164	2400	2500	2600	2800	2900	6000	8700
New York City	2689	2832	2792	3000	3600	4000	4600	5300	5300	6500
Niagara	320	852	1121	1200	1250	1300	1600	1900	1900	3100
Onondaga	1108	1006	994	1100	1100	1100	1500	1800	2400	3400
Ontario	0	0	0	0	0	200	350	500	500	800
Orange	1145	1250	1422	1500	1600	1700	1800	1900	2500	3000
Queensborough	828	1250	1357	1800	2200	2700	3300	4000	4000	5000
Rockland	502	663	1038	1050	1100	1300	1500	1700	1700	3700
Schenectady-Saratoga	0	0	0	0	0	200	350	500	500	800
Staten Island	745	1004	1310	1400	1600	1900	2200	2500	2600	5100
Suffolk	1197	1625	2324	2650	3100	3550	4050	4400	4400	5500
Sullivan	65	289	544	700	750	750	750	800	900	1400
Ulster	194	366	594	700	750	800	900	1000	800	1500
Westchester	1006	1238	1322	1410	1600	1850	2100	2300	2300	3400
TOTALS	23943	32378	39813	43200	47000	53000	60600	69500	78900	117000

*Estimated by Office of Architecture and Facilities based upon present and proposed facilities.

**June 27, 1966

STATE UNIVERSITY OF NEW YORK
OFFICE OF ARCHITECTURE & FACILITIES
COMMUNITY COLLEGES SERVICES
PROCEDURE FOR
INITIATION OF CAPITAL CONSTRUCTION AND BUDGET REQUESTS

Since the office of the State University Executive Dean for Community Colleges is charged with the responsibility for their supervision and operation, it serves as the direct liaison with the local boards of trustees on all matters of policy including approval of programs, budget and construction. In order to fulfill this function efficiently, the procedures described in this guidebook are required.

Basic to the formulation of a sound capital construction program is the long range campus academic plan which every community college must develop and submit to the office of the Executive Dean for Two Year Colleges. This document looks ten years ahead in the college's plan to change its programs of offerings and in its enrollment growth. Annual amendments to the plan are submitted by the college to keep it up to date.

Every community college is to complete each of the following prerequisites before proceeding with the next step:

I. ENROLLMENT PROJECTIONS

Develop in cooperation with the Executive Dean a long range enrollment projection by curriculum including:

1. Freshmen and returning student enrollments in regular full time curriculum.
2. Special programs not included under "1" above.

II. CONSTRUCTION PLANNING

(A) Space Facilities Projection to 1974

This document, for which an outline is provided by the Director of Community College Facilities Planning, State University Office of Architecture and Facilities, is to be filled out in its entirety. It will be checked by that office and the college will be advised regarding desirable or recommended changes before approval is given by the Executive Dean.

(B) Building Requirements Program

Following approval of the Space Facilities Projection to 1974, a program called the Building Requirements Program, giving the areas and functions of each space in the building, is to be prepared and submitted to the Director of Community College Facilities Planning for approval. Most spaces included in such programs will be identifiable in the Space Facilities Projection. Student Activities Buildings and certain parts of the Gymnasium and other buildings not specifically covered in the Space Projection are exceptions.

III. SITE SELECTION AND LAND ACQUISITION

The college will advise the Executive Dean as soon as it has chosen one or more sites acceptable to its trustees. Such sites must be visited by the Director of Community College Facilities Planning or the Executive Dean and a member of State University of New York Board of Trustees before any approval from the University Board will be forthcoming.

If the site is owned by the sponsor, an appraisal will be made by the State to determine the State's obligation. This appraisal is based on a formula called the "Educational Value" of the site, which is worked out with the State Division of the Budget.

If the site is to be acquired by purchase, the land must be appraised by the State, and this appraisal, after New York State Division of the Budget approval, will constitute the final amount the State considers fair and equitable.

If the site is acquired by condemnation proceedings (as is the case in all New York City Community Colleges), the State accepts the evaluation determined by the Court of Claims.

IV. SELECTION OF ARCHITECTS

(A) The ultimate selection of an architect rests with the local college Board of Trustees; however, the college should present the names of architectural firms it wishes to consider for interview and selection to the Director of Community College Facilities Planning for State University concurrence. The final selection by the college is presented again to State University for approval before any appointments are made public.

(B) Any contract drawn between the architectural firm finally selected and the community college must be submitted to the Director of Community College Facilities Planning for approval. Such contract shall include the costs for architectural and engineering services from the processing of schematic, preliminary, and working drawings through supervision of completed construction.

V. SITE PLAN

(A) A comprehensive site plan showing the general location of all buildings contemplated for present construction and probable future additions shall be approved by State University before drawings for any single building are developed.

(B) The total estimated cost of the project determined by the architects at the time the comprehensive site plan is completed should itemize the estimated costs--construction, electrical, plumbing, mechanical trades, utilities, site improvements, roads and landscaping, and architectural and engineering services.

V. SITE PLAN (Continued)

(C) Sponsor services forming a part of the sponsor's contribution toward the cost of any construction project are to be included with the cost described in "(B)" above. This request for sponsor services is to be broken down by the various services to be performed such as inspection, roadwork, paving, engineering, supervision, transportation, etc. The nature of the work, a brief summary justifying the work, and a breakdown of the estimated costs should be submitted for each service contemplated.

VI. DEVELOPMENT DRAWINGS AND SPECIFICATIONS

(A) As the schematic, preliminary and working drawings and specifications are developed, they must in each case be submitted to the Director of Community College Facilities Planning for approval before proceeding with the next step. A revised estimate of cost is to accompany each submission.

(B) After the preliminary drawings are approved by the Director of Community College Facilities Planning, he will advise the local board of trustees by letter of such approval and authorize it to proceed with working drawings. Similarly, approval of final working drawings will be given before they are sent out for bid.

VII. BUDGET REQUEST

The request for the total construction budget including the information in "V" above is submitted to the Executive Dean for his approval and for approval by the State University Trustees.

VIII. BIDDING

(A) A copy of the specifications, final plans, and bid forms must be submitted to the Director of Community College Facilities Planning at the time the bidding is announced to the public.

(B) A copy of the bid tabulation must be approved by the Director of Community College Facilities Planning before final award is made to the contractor.

After the bids are opened and the contracts awarded, any increase over and above the preliminary budget amount must be submitted for approval to the Executive Dean.

IX. CHANGE ORDERS

As change orders become necessary during construction, notice of each must be sent to the Director of Community College Facilities Planning for record. When the total amount of change orders exceeds 2% of the construction contracts on any one project, or when any single change order exceeds $5,000, an approval by State University must be obtained.

X. SPONSOR SERVICE

Upon submission of the final working drawings, specifications and final estimates, sponsor services, if any, must also be submitted in accordance with "V (C)" above. Approval will be given by State University only if the sponsor service represents a saving on the construction contract. Any additional costs above the estimated cost of this work by contract will not be reimbursed by the State.

January 1, 1967

STATE UNIVERSITY OF NEW YORK
OFFICE OF FACILITIES

Space Utilization Guides for 1974

TWO-YEAR COLLEGES

DESCRIPTION		
Credit hrs/student	16½ to 17½	5% margin
Students/Faculty*	15:1	
Contact Hours available/wk/student		
Classroom hours	15	
Other	9	
Total contact hours	24	
Faculty/Steno Ratio	7.5:1	Exclusive of Division Head

All space projections are based on 45-hr/wk of operation.

Rooms Utilization, hrs. per week		
CR 60 or less	30	
CR 61 - 120	20	
LH 121 or over	20	
Labs, special purpose rooms	24	
Industrial Arts and shops	24	

Station utilization (all spaces, when occupied)		
Classrooms	80%	Minimum
Other Spaces	80%	

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* Faculty includes department heads and all full-time faculty.

STATE UNIVERSITY OF NEW YORK
OFFICE OF FACILITIES

SPACE PLANNING GUIDES
TWO-YEAR COLLEGES

CLASSROOMS		NET AREA SQ. FT.
20 Stations	18' per student	360
30 Stations	16' per student	480
40 Stations	16' per student	640
60 Stations	16' per student	960
LECTURE HALLS (Continental Seating)		
120 Stations	12' per student	1,440
240 Stations	12' per student	2,880
480 Stations	10' per student	4,800
SCIENCE LABS		
24 Stations	50' per student	1,200
(a) Preparation and Storage		420
INDUSTRIAL LABS		
24 Stations	50' per student	1,200
(a) Storage Area		180
FINE ARTS STUDIOS		
30 Stations - Design, Graphics, Jewelry, Painting, Crafts, etc.	40' per student	1,200
(a) Storage Area		240
30 Stations - Special Studios		1,440
(a) Storage and Equipment Area		360
LANGUAGE LABS, SPEECH LABS		
24 Stations (including console and storage)		720

STATE UNIVERSITY OF NEW YORK
OFFICE OF FACILITIES

Space Planning Guides for 1974

TWO-YEAR COLLEGES

	NET AREA SQ. FT.
LIBRARY	
Total seating (reading rooms, carrels, references). . . 33% of total enrollment.	
Number of volumes - minimum of 20,000 selected volumes exclusive of duplicates and textbooks for first 1,000 full-time students. Add 5000 volumes for each 500 full-time students beyond 1000. Colleges with comprehensive curriculum offerings will need to exceed this minimum.	
All reading spaces, per person	25
Book stacks - 15 volumes per square foot of floor area.	
DINING AND RELATED SPACES	
Seating — Not to exceed 35% of total enrollment	
Dining room area, per diner	12
Kitchen preparation space, per diner	3.6 - 5.6
Dishwashing, refrigeration and storage, per diner	4.0 - 5.3
PHYSICAL EDUCATION	
Gymnasium, approximately 106' x 120'	12,720
Locker Rooms, per 12 x 12 full length locker	6
Per tote basket	0.6

STATE UNIVERSITY OF NEW YORK
OFFICE OF FACILITIES

Space Planning Guides for 1974

TWO-YEAR COLLEGES

	NET AREA SQ.FT.
FACULTY Full-time faculty and staff only. No special offices to be provided for evening faculty.	
Division Chairman	240
Department Head (Single occupancy)	180
Faculty Member (Double occupancy)	240
ADMINISTRATIVE	
President	400
Vice President, Dean of College	300
Other Deans and Directors of Administration	240
Individual secretary or two secretaries	120/each
Three or more secretaries in one area	80/each
Associate Deans or Equivalent	180
Other Administrative Offices	120

STATE UNIVERSITY OF NEW YORK

Outline Instructions for Space Study Forms

SS-1 Enrollment Projection Chart.

1. Use Board of Trustees projected enrollment for 1974.
2. Subdivide enrollment by year and by curricula.
3. Include Masters and Doctoral years as appropriate.
4. Compute ratios developed after completing all forms.

SS-2 Instructional Space Utilization Form.

1. Assume a typical semester of instruction.
2. Make a separate entry for each course of instruction and for each different type of instructional facility required.
3. List non-credit courses requiring instruction space.
4. Include courses using off-campus facilities or practice schools.
5. List courses only in curricula approved for planning (by Executive Dean).
6. Also list facilities used only in another semester than the one analyzed.
7. Show cross reference in last column to space requested in SS-3.

SS-3 Space Summary Form.

1. List classroom and lecture hall by number of stations only.
2. Cross reference space on SS-3 with the same space on SS-5 by building name and room number.
3. Code the spaces as follows: A for classroom to 60 stations, B for lecture halls over 60 stations, and C for all special purpose spaces.
4. "Class Hours per week" must equal total of same in SS-2.

SS-4 Office Projection.

1. Compile a separate SS-4 for Faculty and for Administration.
2. Faculty
    a. Project faculty required by department or division; use code letters E, F, G, etc. , by department.
    b. Include clerical and secretarial assistants.
    c. Cross reference office space to be available in existing buildings with Form SS-5.
3. Administration
    a. List administration personnel in relation to projected organization chart. Include all clerical and secretarial assistants as they relate to their administrator.
    b. Cross reference office and work space to be available in existing buildings with form SS-5; use code letters D for all spaces.

STATE UNIVERSITY OF NEW YORK

Outline Instruction for Space Study Form

SS-5 **Room Inventory**

1. Consider as existing only facilities in use and in planning (approved space requirements).
2. Show cross reference in last column to the space requested in SS-3.

STATE UNIVERSITY OF NEW YORK   1974 ENROLLMENT PROJECTION   Page 5
SS-1, Ofc. of Fac.

Ag & Tech Inst. at Morrisville   1400 STUDENTS   (Date) 8/1/66
(Unit)

ENROLLMENT BY CLASS YEAR AND BY MAJOR FIELD

DIVISION	DEPARTMENT	1st	2nd	3rd	4th	DIVISION TOTALS
Agriculture Tech	Ag. Production	75	55			260
Business	Secretarial Sci. Accounting Business Admin.	60 40 30	40 25 25			220
Industrial Tech	Auto Tech. Elec. Tech. Inst. Tech	100 60 30	70 45 20			325
Food Processing & Lab Tech	Processing Tech Lab Tech	60 50	45 35			190
Food Service Administration	Service Admin. Nursing	60 50	45 0			155
Liberal Arts	Liberal Arts	150	100			250
TOTALS		840	560			1400

Ratios Developed.

1. $\frac{\text{Total Student Credit Hours**}}{\text{Projected Enrollment}} = \frac{23,800}{1,400} = 17$ CRHrs/Student

2. $\frac{\text{Projected Enrollment}}{\text{Total Faculty*}} = \frac{1,400}{94} = 15$ Students/Instructor

3. $\frac{\text{Total Faculty*}}{\text{Total Stenographers}} = \frac{94}{13} = 7.2$ Instructors/Steno.

** From total of column 3, SS-2 form
* Faculty includes department heads or chairman

STATE UNIVERSITY OF NEW YORK
194 Washington Avenue
Albany, New York 12210

August 1, 1966

Re: Special Instructions for SS-2

In projecting the Instructional Space Requirements for 1974, it will generally be sufficient to complete the detail instructional Space Planning forms (SS-2) for only one term of the academic year. If, however, your contemplated course scheduling requires that the maximum number of one type of instructional facility will be needed in a term (semester or quarter) different from the one projected, it will be desirable to make a projection for each term of the academic year or to submit an explanation to support the exception.

An example of this situation could occur when the projection of facility requirements is made for the first term of the year and does not reflect the need for a facility that is scheduled for a subsequent term of the year.

An extreme example of this occurs when a course in physical education requires the use of a variety of different facilities both in the gymnasium and on the athletic fields over the entire school year.

1974 INSTRUCTIONAL SPACE PLANNING

7
SS-2, Office of Facilitie

STATE UNIVERSITY OF NEW YORK

Ag. & Tech. Inst. at Morrisville

1400 STUDENTS

(Date) 8/1/66

	(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)
DEPARTMENT COURSE OF INSTRUCTION	Credit Hours per Course	Students Enrolled	Student Credit Hours (1x2)	Instruction Facility Name and Capacity	Class Sections		Contact Hours Per Week (5x6)		Ref. to SS-
					No. Stud.	2/4 Number	Per Student	All Sect's.	
LIBERAL ARTS									
English	3	795	2385	Lecture Hall 120	100	8	1	8	B1
				Classroom 30	24	33	2	66	A2
Intro. to Social Sci.	3	590	1770	Classroom 30	24	24	3	72	A2
Inorganic Chemistry	4	350	1400	Classroom 60	48	7	3	21	A3
				Chemistry Laboratory 24	24	15	2	30	C1
General Physics	3	95	285	Physics Laboratory 24	24	4	3	12	C2
				Lecture Hall 120	95	1	2	2	B1
Biology Seminar	1	212	212	Classroom 20	18	12	1	12	A1
Totals			6052					223	

STATE UNIVERSITY OF NEW YORK 1974 INSTRUCTIONAL SPACE SUMMARY Page 8
SS-3, Ofc. of Fac.
Ag. & Tech Inst. at Morrisville 1400 STUDENTS (Date) 8/1/66
(Unit)

SS-3

TOTAL FOR ALL DIVISIONS AND DEPARTMENTS	CLASS HRS. PER WEEK / ROOM UTILIZATION FACTOR	TOTAL ROOMS REQ'D	EXISTING OR PROGRAMMED[1] ROOMS TO BE AVAILABLE IN 1974		NO. NEW ROOMS REQ'D BY 1974
			ROOMS AVAILABLE	IDENTIFY BUILDING AND ROOM NUMBER	
A. CLASSROOMS					
1. UNDER 20 STATIONS	12/30	1	1	Meyer Hall 14	0
2. 21-30 STATIONS	138/30	5	3	Bailey Hall 12 for 2, 14	2
3. 31-60 STATIONS	21/30	1	1	Bailey Hall 10	0
B. LECTURE HALLS					
1. 61-120 SEATS	10/20	1	0		1
2. 121-240 SEATS	/20				
3. 241-480 SEATS	/20				
4. 481-And LARGER	/20				
C. LABS-SHOPS-STUDIOS & SPECIAL PURPOSE ROOMS					
1. CHEMISTRY LAB.	30/24	2	1	Bailey Hall 16	1
2. PHYSICS LAB.	12/24	1	1	Meyer Hall 18	0
3. FINE ARTS STUDIOS	/24				
4. ETC.				(IN THIS SECTION, PUT EACH SPECIAL FACILITY REQUIRED, USING THE EXACT SAME TITLE LISTED IN THE SS-2AND IN THE SS-5)	
Class Hrs./Wk. TOTAL	223				

---

[1] Programmed refers to building space approved by Division of the Budget for constructio

STATE UNIVERSITY OF NEW YORK 1974 INSTRUCTIONAL SPACE SUMMARY Page 9
SS-3, Office of Fac.

____________________ (Unit) __________ STUDENTS (Date)__________

TOTAL FOR ALL DIVISIONS AND DEPARTMENTS	CLASS HRS. PER WEEK / ROOM UTILIZATION FACTOR	TOTAL ROOMS REQ'D.	EXISTING OR PROGRAMMED[1/] ROOMS TO BE AVAILABLE IN 1974		NO. NEW ROOMS REQ'D. BY 1974
			ROOMS AVAILABLE	IDENTIFY BUILDING AND ROOM NUMBER	

Classroom and Lecture Hall Hours per student

On the last page of SS-3, show the following calculation for each room size listed. For number of classrooms, use "Total Rooms Required" or "Rooms Available in 1974", whichever is larger.

Classroom Hours = Classroom Capacity X No. of Classrooms X Room Utilization Factor X Station Utilization of 80%.

Show addition of all Classroom Hours (in the right hand column) and division by projected enrollment.

Laboratory and Other Special Educational Space Hours Available per Student

Show the same computations as above.

1/ Programmed refers to building space approved by Division of the Budget for construction.

STATE UNIVERSITY OF NEW YORK

Ag. & Tech Inst. at Morrisville

1974 OFFICE PROJECTION

x Administrative

x Faculty

1400 STUDENTS

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SS-4, Ofc. of Fac.
(Date) 8/1/66

IDENTIFY ADMINISTRATIVE SERVICE OR FACULTY FUNCTION OF PERSONNEL	TOTAL PERSONNEL REQUIRED	EXISTING OR PROGRAMMED STATIONS TO BE AVAILABLE IN 1974		ADD'L ROOMS REQ'D. BY 1974
		TOTAL STATIONS	IDENTIFY BUILDING NAME AND ROOM NUMBER	
		EXAMPLE - FACULTY		
Liberal Arts				
Department Head	1	1	Bailey Hall 20	0
Faculty	12	7	Bailey Hall 23, 25, 27, 31, 11, 15, 19	5
Secretaries	2	2	Bailey Hall 21 for 2	0
		EXAMPLE - ADMINISTRATION		
President	1	1	Administration Building 210	0
Secretary	1	1	Administration Building 211	0

STATE UNIVERSITY OF NEW YORK PRESENT AND 1974 ROOM INVENTORY*

SS-5, Ofc. of Fac.

Ag. & Tech Inst. at Morrisville
(Unit)

1400 STUDENTS

(Date) 8/1/66

BAILEY HALL
(Building)

FLOOR & ROOM NO.	PRESENT USE	SQUARE FOOT AREA	NO. OF OCCUPANTS, SEATS OR STATIONS	USE PLANNED FOR 1974, IF DIFFERENT FROM PRESENT USE	REF. TO SS-3
1 - 10	Library Reference	900	-	Classroom 60	A3
- 12	Library Reading	1000	60	2 - Classroom 60	A2
- 14	Classroom	500	30	Classroom 30	A2
2 - 16	Chemistry Laboratory	900	18	Chemistry Lab for 6	C1
- 18	Storeroom	500	-	(Combine rooms 16 & 18) Storage 200 sq. ft.	C1

* Include all space that is assignable for instruction, administrative, maintenance, student or other use.

STATE UNIVERSITY OF NEW YORK PRESENT AND 1974 ROOM INVENTORY*

Ag & Tech Inst. at Morrisville 1400 STUDENTS (Date) 8/1/66

MEYER HALL
(Building)

FLOOR & ROOM NO.	PRESENT USE	SQUARE FOOT AREA	NO. OF OCCUPANTS, SEAT OR STATIONS	USE PLANNED FOR 1974, IF DIFFERENT FROM PRESENT USE	REF. TO SS-3
1 - 2	Dept. Chairman, Biology	180	1		
1 - 4	Clerical Office	240	3		
1 - 14	Classroom	360	20		A1
1 - 18	Physics Lab.	1200	24		C2

* Include all space that is assignable for instruction, administrative, maintenance, student or other use.

STATE UNIVERSITY OF NEW YORK 1974 ENROLLMENT PROJECTION

Page 5
SS-1, Ofc. of Fac

______________________ ________ STUDENTS (Date)________
(Unit)

ENROLLMENT BY CLASS YEAR AND BY MAJOR FIELD

DIVISION	DEPARTMENT	1st	2nd	3rd	4th	DIVISION TOTALS

Ratios Developed.

1. Total Student Credit Hours** / Projected Enrollment ________
2. Projected Enrollment / Total Faculty* ________
3. Total Faculty* / Total Stenographers ________

** From total of column 3, SS-2 form
* Faculty includes department heads or chairman

STATE UNIVERSITY OF NEW YORK 1974 INSTRUCTIONAL SPACE PLANNING

Page 7

SS-2, Ofc. of Facilities

_______________ (Unit)

_________ STUDENTS

(Date) __________

DEPARTMENT COURSE OF INSTRUCTION	(1) Credit Hours per Course	(2) Students Enrolled	(3) Student Credit Hours (1 x 2)	Instruction Facility Name and Capacity	Class Sections		Contact Hours Per Week (5x6)		(8) Ref. to SS-3
					(4) No. Stud.	(5) 2/4 Number	(6) Per Student	(7) All Sections	
TOTALS									

STATE UNIVERSITY OF NEW YORK 1974 INSTRUCTIONAL SPACE SUMMARY

Page 8
SS-3, Ofc. of Fac.
(Date)________

__________________________ __________ STUDENTS
(Unit)

SS-3

TOTAL FOR ALL DIVISIONS AND DEPARTMENTS	CLASS HRS. PER WEEK ROOM UTILIZATION FACTOR	TOTAL ROOMS REQ'D.	EXISTING OR PROGRAMMED[1/] ROOMS TO BE AVAILABLE IN 1974		NO. NEW ROOMS REQ'D BY 1974
			ROOMS AVAILABLE	IDENTIFY BUILDING AND ROOM NUMBER	
A. CLASSROOMS					
B. LECTURE HALLS					
C. LABS-SHOPS-STUDIOS & SPEC. PURPOSE ROOMS					

1/ Programmed refers to building space approved by division of the Budget for const.

STATE UNIVERSITY OF NEW YORK 1974 INSTRUCTIONAL SPACE SUMMARY Page 9

SS-3, Ofc. of Fac.

_______________ (Unit) __________ STUDENTS (Date)________

TOTAL FOR ALL DIVISIONS AND DEPARTMENTS	CLASS HRS. PER WEEK / ROOM UTILIZATION FACTOR	TOTAL ROOMS REQ'D.	EXISTING OR PROGRAMMED[1/] Rooms TO BE AVAILABLE IN 1974		NO. NEW ROOMS REQ'D. BY 1974
			ROOMS AVAILABLE	IDENTIFY BUILDING & ROOM NUMBER	

1/ Programmed refers to building space approved by Division of the Budget for construction.

STATE UNIVERSITY OF NEW YORK

1974 OFFICE PROJECTION

_____ Administrative

_____ Faculty

_____ STUDENTS

Page 10
SS-4, Ofc. of Fac.

____
(Unit)

IDENTIFY ADMINISTRATIVE SERVICE OR FACULTY FUNCTION OF PERSONNEL	TOTAL PERSONNEL REQUIRED	EXISTING OR PROGRAMMED STATIONS TO BE AVAILABLE IN 1974		ADD'L ROOMS REQ'D BY 1974
		TOTAL STATIONS	IDENTIFY BUILDING NAME AND ROOM NUMBER	

STATE UNIVERSITY OF NEW YORK PRESENT AND 1974 ROOM INVENTORY*

Page 11
SS-5, Ofc. of Fac.

(Unit) ________ STUDENTS (Date) ________

(Building)

FLOOR & ROOM NO.	PRESENT USE	SQUARE FOOT AREA	NO. OF OCCUPANTS, SEATS OR STATIONS	USE PLANNED FOR 1974, IF DIFFERENT FROM PRESENT USE	REF. TO SS-3

* Include all space that is assignable for instruction, administrative, maintenance, student or other use.

BUILDING REQUIREMENTS PROGRAM

OR

(Space Requirements Program)

This program gives the areas and functions of each space in the building.

It is prepared following the approval of the "Space Facilities Projection to 1974."

Most spaces included in such programs will be identifiable in the Facilities Projection. (Student Activities Buildings and certain parts of the Gymnasium and other buildings not specifically covered in the Space Projection are exceptions.)

It is submitted to the Director of Community College Facilities Planning for approval.

Upon approval, it may be given the architect to start his preliminary design of the building.

A sample program is included on the following pages.

STATE UNIVERSITY OF NEW YORK

Space Requirements

Program for SCIENCE BUILDING

Suffolk County Community College

August 3, 1965

NO.	SPACE	OCCUPANCY	AREA (SQ. FT.)	DESCRIPTION
1.	Entrance Vestibule		As Required	
2.	Main Lobby	100	As Required	Waiting Area containing display cases.
	(a) Men's Student Toilet		As Required	Locate off Lobby.
	(b) Women's Student Toilet		As Required	Locate off Lobby.
3.	Faculty Offices (26 @ 200 sq. ft.)	2 ea.	5,200	
4.	Secretarial Offices (2 @ 200 sq. ft.)	1 ea	400	
5.	Duplicating Room & Supplies		240	Next to Secretarial Offices, with hot and cold running water for washing hands, etc.
6.	Faculty Lounge & Conference Room		450	Conference table, etc.
	(a) Men's Toilet		As Required	Locate off Lounge.
	(b) Women's Toilet		As Required	Locate off Lounge.
7.	Lecture Halls (2 @ 1200 sq. ft.)	120 ea.	2,400	Large demonstration desk.
	(a) Projection Area		200	Locate between lecture halls, rear-view projection.

NO.	SPACE	OCCUPANCY	AREA (SQ. FT.)	DESCRIPTION
	(b) Preparation Room			Locate next to Projection Room.
8.	Classrooms			
	(a) 2 @ 960 sq. ft.	60 ea.	1,920	Permanent overhead projection screen and pull-down flat screen.
	(b) 1 @ 960 sq. ft.	60 ea.	960	Same as above, plus demonstration table.
	(c) 8 @ 480 sq. ft.	30 ea.	3,840	Large blackboard area containing rectangular and polar coordinates.
	(d) 2 @ 480 sq. ft.	30 ea.	960	Same as above, plus demonstration table for Physics & Chemistry recitations.
9.	Chemistry Laboratories			
	(a) 3 @ 1200 sq. ft.	24 ea.	3,600	General Chemistry Laboratories.
	(b) 1 @ 1200 sq. ft.	24 ea.	1,200	Organic and Quantitative Laboratory.
	(c) 2 Balance Rooms @ 240 sq. ft.	12 ea.	480	Locate between Chemistry Laboratories.
	(d) 1 central Preparation & Storage Room		600	General Preparation Room with space for technicians.
	(e) 1 Preparation Room		300	Special preparations, demonstrations, and student projects.
	(f) 1 Equipment Room		300	To house recording spectorphotometer, gas chromotograph, etc. Temperature controlled with ventilation.

NO.	SPACE	OCCUPANCY	AREA (SQ. FT.)	DESCRIPTION
10.	Physics Laboratories			
	(a) 3 @ 1200 sq. ft.	24 ea.	3,600	General Physics Laboratories.
	(b) Central Storage & Preparation Room		600	General preparation and storage with space for technicians.
	(c) Isotope Room		300	For radioactive isotope work.
	(d) Dark Room		200	No windows with ventilation.
11.	Physical Science Laboratories			
	(a) 3 @ 1200 sq. ft.		3,600	Equipped for meteorology, geology, and astronomy.
	(b) Central Storage & Preparation Room		600	General preparation and storage with space for technicians.
	(c) Storage & Preparation Room		300	Special preparations, demonstrations and student projects.
12.	Biological Laboratories			
	(a) 4 @ 1000 sq. ft.	24 ea.	4,000	General biological laboratories.
	(b) Central Storage & Preparation Room		600	General preparation and storage with space for technicians.
	(c) Storage & Preparation Room		300	Special preparations, demonstrations and student projects.
	(d) Incubation Room		300	Bacteriological, incubators for embryology, etc. (free access for students to observe results).

NO.	SPACE	OCCUPANCY	AREA (SQ. FT.)	DESCRIPTION
	(e) Animal Room		400	Locate back of building, with outside entrance near service area.
	(f) Greenhouse		400	Same as above.
13.	Receiving Entrance			
	(a) Loading Dock		As Required	
	(b) Elevator		As Required	Next to loading area.
	(c) Receiving Room		As Required	Next to loading area.
14.	Building & Maintenance Room		480	
	(a) Janitor's Room		200	
	(b) Janitor's Closets		As Required	
15.	Dead Storage		1,000	Near Elevator.
16.	Heat Room		As Required	
17.	Mechanical Room		As Required	
18.	Electrical Service Room		As Required	
19.	Departmental Supplies		480	Projectors, etc.
	Net Area:		40,410 Sq. Ft.	
	Gross Area:		64,656 Sq. Ft.	

DEFINITIONS OF NET AND GROSS AREAS

Net Area

Net area of a facility is interior floor area of the space enclosed by walls, ceiling or roof, and a floor. In a facilities program, this type of space will be given a definite square foot area.

Gross Area

Gross area of a facility is the total square foot area between the outside walls, including the net area and all space not assigned specific square foot areas. In a facilities program, all space not assigned area will be noted as "As Required" space or, in the case of corridors, stairs, etc., may not be designated.

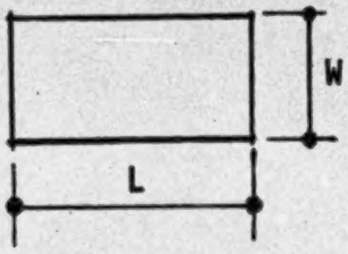
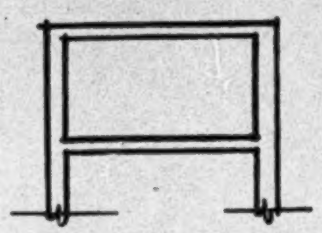
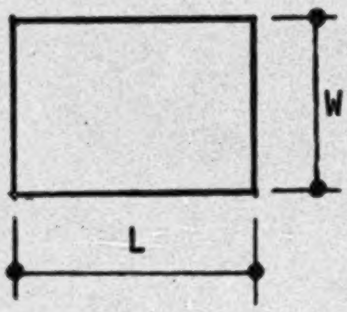
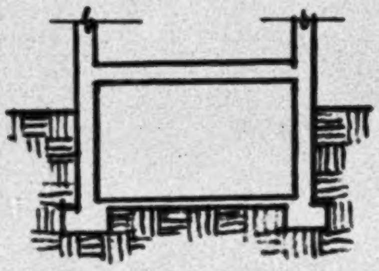
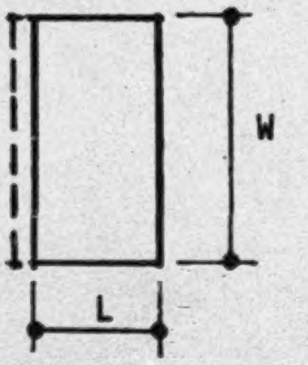
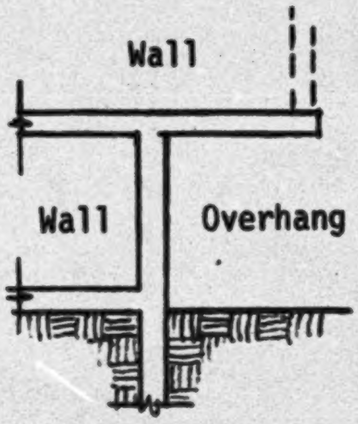
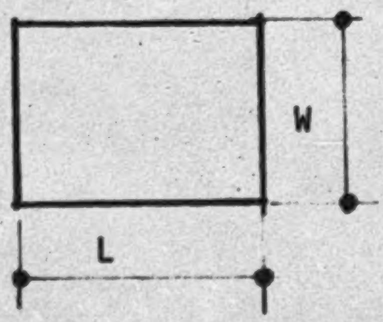
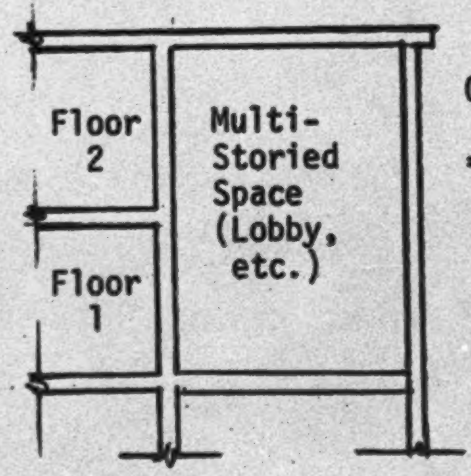
Spaces not assigned specific square foot areas are as follows:

a. Spaces occupied by columns, walls and partitions, furred space
b. Toilet (including vestibule and dressing room for toilet)
c. Telephone booth in public area
d. Lobby, entrance space and vestibule or foyer
e. Display space
f. Corridor or passage
g. Stair hall and stairway
h. Elevator and escalator
i. Book lifts and dumbwaiter
j. Janitor closet or utility closet
k. Electrical service and transformer room
l. Steam and heat distribution room
m. Air conditioning mechanical room and fan room
n. Mechanical switch room
o. Excavated basement space
p. Loading dock

Gross Area Analysis

In analyzing gross area, there may be special conditions of the architectural design of a facility that should be considered as contributing to this area. Some of these special conditions are projections, balconies, structural overhangs, unfinished basements, special roofs, courts, terraces, and abnormal ceiling heights. The following diagrams may be used as a guide in calculating the areas of some of these conditions.

GROSS SQUARE FOOT ANALYSIS

AREA	PLAN	SECTION	FORMULA
FLOOR Use for design and calculating area of existing building			GROSS AREA = L X W
EXCAVATED BASEMENT (Unfinished)			GROSS AREA $= \frac{L\ X\ W}{2}$
STRUCTURAL Overhang Balcony Bldg. Projection	 Area Below	 Wall Wall Overhang	GROSS AREA $= \frac{L\ X\ W}{2}$
MULTI-STORIED SPACES Lobbies, etc. - Does not apply to theater, lecture hall, auditorium, and gymnasium spaces.		 Floor 2 Floor 1 Multi-Storied Space (Lobby, etc.)	GROSS AREA $= \frac{3(L\ X\ W)}{2}$

Net to gross ratio is a proportion that shows the relationship of the assigned area (net area) to the servicing area (gross area) of a facility. This ratio gives a reasonable estimate for which the performance of a structure may be measured. A facility deisgned above an assigned ratio is considered to be less efficient than it should be.

Ratios which may be used as a guide in design are as follows:

Structure	Net (to) Gross
Libraries	1 : 1.32
Science Buildings	1 : 1.64
Classroom Buildings	1 : 1.50
Office Buildings	1 : 1.50
Health & Phys. Ed.	1 : 1.42
Student Unions	1 : 1.70
Communications & Lecture Hall Centers	1 : 1.67
Service Groups	1 : 1.33
Fine Arts Buildings	1 : 1.67

STATE UNIVERSITY OF NEW YORK
ALBANY, NEW YORK

RULES OF PROCEDURE
FOR
APPROVAL OF PRELIMINARY DRAWING REQUIREMENTS
FOR
COMMUNITY COLLEGES

Architects or consulting architects and engineers preparing to submit preliminary drawings and specifications for State approval via the State University must observe the requirements as listed below. (If a project consists of a group of buildings, each building should be covered as directed.)

DRAWINGS (At a scale 1/16" or 1/8" equals one foot - black and white prints)

1. Plot plan showing contour lines of site, building or buildings, roads, parking spaces and paths. Show compass orientation.
2. All floor plans including basement - Indicate use and net square foot area of each space; show also programed net square foot area in brackets; show columns, thickness of exterior walls and partitions, windows, door swings, pipe and vent shafts, and any equipment spaces affecting size and shape of rooms.
3. Four elevations.
4. Longitudinal and transverse section. Give story heights.
5. Section through typical exterior wall, showing footing, window spandrel and roof overhang, at scale 3/4" equals one foot.
6. Perspective view of principal elevation. (If several buildings, a birdseye view of reasonable size will be satisfactory.)

SPECIFICATIONS

To be presented with headings and sequence as per attached form of "OUTLINE SPECIFICATIONS."

ESTIMATE OF COST

To be presented with cubage diagram on 8-1/2" x 11" sheet with data similar to that shown on attached sheet.

August 1, 1966

STATE UNIVERSITY OF NEW YORK

OUTLINE SPECIFICATIONS

(To be submitted with Application for Approval of Preliminary Plans)

Provide brief description of the following items:

1. Soil conditions
2. Footings
3. Foundation walls
4. Superstructure-type of construction
5. Exterior walls
6. Exterior trim
7. Interior walls and partitions
8. Wainscot and wall finish
    a. Corridors
    b. Toilets
    c. Gymnasium locker rooms
    d. Shops
9. Floor construction
10. Floor covering
    a. Corridors
    b. Classrooms
    c. Auditorium
    d. Gymnasium
    e. Gymnasium locker rooms
    f. Shower rooms
11. Roof construction
12. Roof covering
13. Stair construction and covering
14. Windows
15. Doors
    a. Exterior
    b. Interior

16. Furring on exterior

17. Plastering
    a. On exterior walls
    b. On interior walls

18. Acoustical treatment (type and where used)

19. Gymnasium bleachers

20. Stage furnishings

21. Heating system

22. Ventilating system

23. Automatic heat control

24. Fuel (Check proper blank)
    a. Coal   Handfired   Stoker
    b. Oil
    c. Gas

25. Electrical work
    a. Conduit and wiring
    b. Lighting fixtures

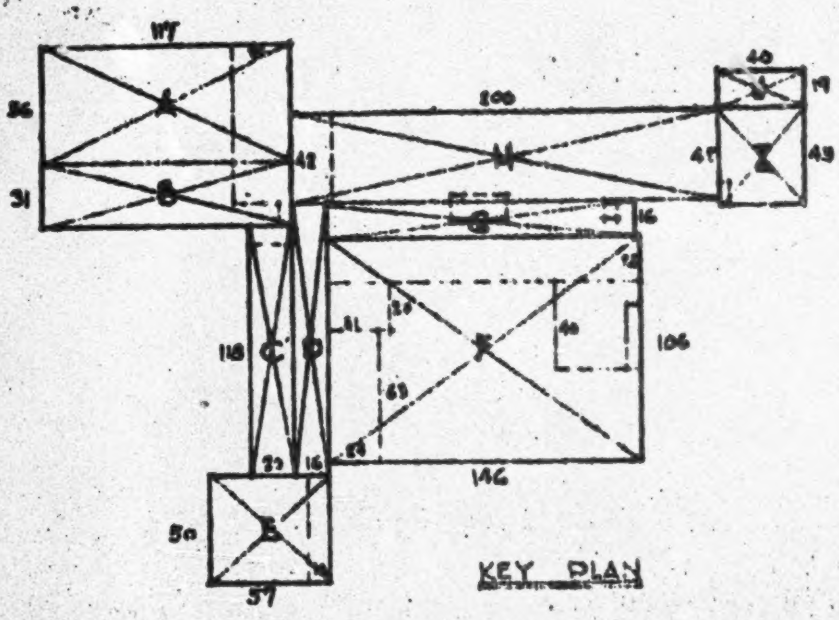
26. Check following items that are to be included in the building
    a. Border lights and dimmers
    b. Program bells or chimes
    c. Classroom clocks
    d. Fire alarm system
    e. Intercommunicating telephones
    f. Central sound system

27. Plumbing
    a. Soil pipe
    b. Vent pipe
    c. Hot water pipes
    d. Cold water pipes
    e. Fixtures

28. Water supply

29. Sewage disposal system

30. Any other special features



KEY PLAN

CUBAGE DIAGRAM
JULY 25, 1984

GYMNASIUM

CEILING HEIGHTS:
1. TO UNDERSIDE OF SLAB WHERE ON GRADE
2. ½ AVERAGE DEPTH OF PIPE SPACE ELSEWHERE

AREAS:

SPACE	BASEMENT	GROUND FLOOR	FIRST FLOOR
A	1,456	6,552	—
B	580	2,587	3,627
C	250	2,860	2,360
D	—	2,048	2,048
E	—	2,850	500
F	—	6,722	15,476
G	—	2,320	2,320
H	720	8,400	8,400
I	—	1,720	—
J	—	760	—
SUB-TOTALS	3,006	36,519	34,731

TOTAL GROSS AREA ---------- 74,256 SQ.FT.

CUBAGES:

SPACE		AREA	HEIGHT	CUBAGES	
A	POOL DECK TO TOP OF ROOF	6,552	33	216,216	
	MECH. EQUIP. ROOM	1,456	12½	17,656	273,242
	POOL (AV. DEPTH)	2,625	10	26,250	
	PIPE SPACE (½ AV. DEPTH)	2,471	4½	11,120	
B	GROUND FL. TO TOP OF ROOF	3,627	33½	121,504	129,044
	MECH. EQUIP. ROOM	580	13	7,540	
C	½ PIPE SPACE TO TOP OF ROOF	2,360	26	61,360	63,985
	STAIR TO MECH. EQ. ROOM	250	10½	2,625	
D	½ PIPE SPACE TO TOP OF ROOF	2,048	29½	60,416	60,416
E	" " " "	2,850	29	82,650	82,650
F	TRUSS ENCLOSURE	2(4,828)	6	57,936	
	" "	4,828	13	62,764	
	½ PIPE SPACE TO BOT. OF TRUSS	15,476	28	433,328	628,731
	PISTOL RANGE - EQ. ST. - SUPPLY RM	3,978	9½	37,791	
	FAN ROOMS #1 + #2	2,744	10½	36,912	
G	½ PIPE SPACE TO TOP OF ROOF	2,320	26	60,320	
	STAIR BULKHEAD	220	8	1,760	62,280
	FOLDING PARTITION BULKHEAD	40	5	200	
H	½ PIPE SPACE TO TOP OF ROOF	8,400	31	260,400	267,960
	MECH. EQUIP. ROOM	720	10½	7,560	
I	BOT. OF SLAB TO TOP OF ROOF	1,720	20½	35,260	36,860
	STACK	50	32	1,600	
J	BOT. OF SLAB TO TOP OF ROOF	760	19½	14,820	14,820

TOTAL GROSS CUBAGE ---------- 1,613,988 CU. FT.

NOTE: THE 64,000 CU.FT. OVER ESTIMATED 1,550,000 CU. FT. IS DUE TO ADDITIONAL MECH. EQUIP. REQUIRED

STATE UNIVERSITY OF NEW YORK
OFFICE OF ARCHITECTURE & FACILITIES
COMMUNITY COLLEGES SERVICES
PROCEDURE FOR
ACQUISITION OF ADDITIONAL LAND FOR COMMUNITY COLLEGES

The following procedure is required for the acquisition of additional land for existing community colleges:

1. The college initiates a request for the acquisition of additional land to the Executive Dean's office.

2. The Executive Dean requests the Director of Community College Facilities Planning to inspect the property. The Director of Community College Facilities Planning sends his recommendations to the Executive Dean.

3. Upon approval of the Executive Dean, the sponsor indicates his willingness to purchase the property.

4. Upon approval of the sponsor, the Executive Dean requests the Director of Community College Facilities Planning to have an appraisal made.

5. The Land Acquisition Unit of the Office of Architecture and Facilities is responsible for having the appraisals made. A copy of their procedure is attached. The appraisal report requires from three to six months to complete.

6. The appraisal report is sent to the Executive Dean by the Director of the Land Acquisition Unit with a copy to the Director of Community College Facilities Planning.

7. The Executive Dean forwards the appraisal report to the Division of the Budget, State of New York, for their approval.

8. After Budget approval, the Executive Dean obtains State University of New York Trustees' approval of the acquisition of the additional property at the appraised price.

9. The county may acquire the property at any time after the Executive Dean's initial approval; however, they cannot be reimbursed for the acquisition until the Budget's and State University of New York Trustees' approvals are obtained.

10. An initial capital budget is recommended to include the purchase of land, site planning and development, and architects-engineers' fees.

EMR - February 16, 1966

STATE UNIVERSITY'S APPRAISAL PROCEDURE

State University's standard procedure requires one appraisal for each property to be acquired. The appraisal report is prepared by an independent fee appraiser and constitutes a comprehensive statement containing detailed documentation of the information which the appraiser used to support his estimate of value.

This appraisal is then reviewed by a staff appraiser who generally follows the following pattern:

(a) The first consideration is whether or not the appraisal appears to include all the data which is available and pertinent to the value of the subject property.

(b) The appraisal is studied to determine whether all appraisal processes and approaches to value have been used.

(c) In the case of an appraisal of a property which is improved by buildings which are to be acquired, the reviewer makes an appointment with the property owner to thoroughly inspect the buildings and check the information in the appraisal and compare it with the physical characteristics of the property to insure that nothing has been omitted nor added that does not physically exist on the property.

(d) The reviewer locates the comparable sales which have been used by the appraiser and determines whether the description of the sale is accurate.

(e) The reviewer makes an independent search of data which may have a bearing on the value of the subject property and which may have been overlooked by the appraiser.

(f) The reviewer compares the data submitted in the appraisal with other area data which may be available to him in appraisals which have been submitted by other parties in that particular area to determine whether there is additional information in one appraisal which may have a bearing on the value of another property.

(g) In cases where the property owner or claimant has had an appraisal made, the reviewer also inspects the data submitted in that appraisal and compares it with any other information which he has at his disposal to determine the validity of the claimant's appraisal as well as of the one submitted for the State.

Following the above described pattern, the reviewing appraiser submits a written report of his comments and opinions concerning the appraisal report and the subject property. This written report is then attached to and becomes in essence an additional report in respect to the valuation of the subject property.

EMR from Herbert Gordon - February 14, 1966

CODES AND REGULATIONS

All community college buildings and accessory structures (including equipment and mechanical services) shall be constructed in compliance with the requirements set forth in the Building Exits Code and the National Electrical Code recommended by the National Fire Protection Association and as set forth in the New York State Building Construction Code and any applicable local code provisions, except in specific instances where the State University may deem it necessary to require additional safeguards or stricter standards for particular purposes.

The more stringent provision of either the New York State Building Construction Code or the local code will govern.

SUGGESTED SCHEDULE OF FEES
FOR
DESIGN AND SUPERVISION
OF
COMMUNITY COLLEGE BUILDINGS

The following is a suggested schedule of fees which sets forth the maximum amounts that the State will participate. Any additional amount in excess of these fees will not be reimbursed by the State.

Architects Fee Schedule - Combined Design and Supervision

Construction Cost	Fee	Construction Cost	Fee
Under $ 70,000	8.75%	550,001 - 600,000	7.15%
70,001 - 90,000	8.65%	600,001 - 650,000	7.05%
90,001 - 110,000	8.55%	650,001 - 700,000	6.95%
110,001 - 130,000	8.45%	700,001 - 750,000	6.85%
130,001 - 150,000	8.35%	750,001 - 1,000,000	6.75%
150,001 - 170,000	8.25%	1,000,001 - 1,500,000	6.55%
170,001 - 190,000	8.15%	1,500,001 - 2,000,000	6.45%
190,001 - 210,000	8.05%	2,000,001 - 2,500,000	6.25%
210,001 - 230,000	7.95%	2,500,001 - 3,000,000	6.15%
230,001 - 250,000	7.85%	3,000,001 - 3,500,000	6.05%
250,001 - 300,000	7.75%	3,500,001 - 4,000,000	5.95%
300,001 - 350,000	7.65%	4,000,001 - 4,500,000	5.75%
350,001 - 400,000	7.55%	4,500,001 - 5,000,000	5.55%
400,001 - 450,000	7.45%	5,000,001 - 5,500,000	5.45%
450,001 - 500,000	7.35%	Over - 5,500,000	5.25%
500,001 - 550,000	7.25%		

The basis for supervision in the above schedule is a sliding scale, as follows:

Up to	$1,000,000	2.0%
$1,000,001 to	2,000,000	1.9%
2,000,001 to	4,000,000	1.8%
4,000,001 to	4,500,000	1.7%
4,500,001 to	5,000,000	1.6%
Over	5,000,000	1.5%

A. Extra Compensation (to be established in the architect's agreement and approved by State University)

Allowance 10% of computed fee for budget estimating

1. Traveling expenses - shall include personnel of the architect's office but shall not include Resident Engineer or his assistants.

2. Final models, photographs, and other architectural renderings.
3. As-built drawings.
4. Special technical engineering and/or consultation services.
5. Testing laboratory services (if not provided under construction contract).
6. Reproduction of plans, specifications, reports, and other data and documents.
7. Final quantity surveys.
8. Other expenses as approved by State University.

B. Resident Engineer or on-site representative

Allowance $1,000 per month to include overhead and salary.

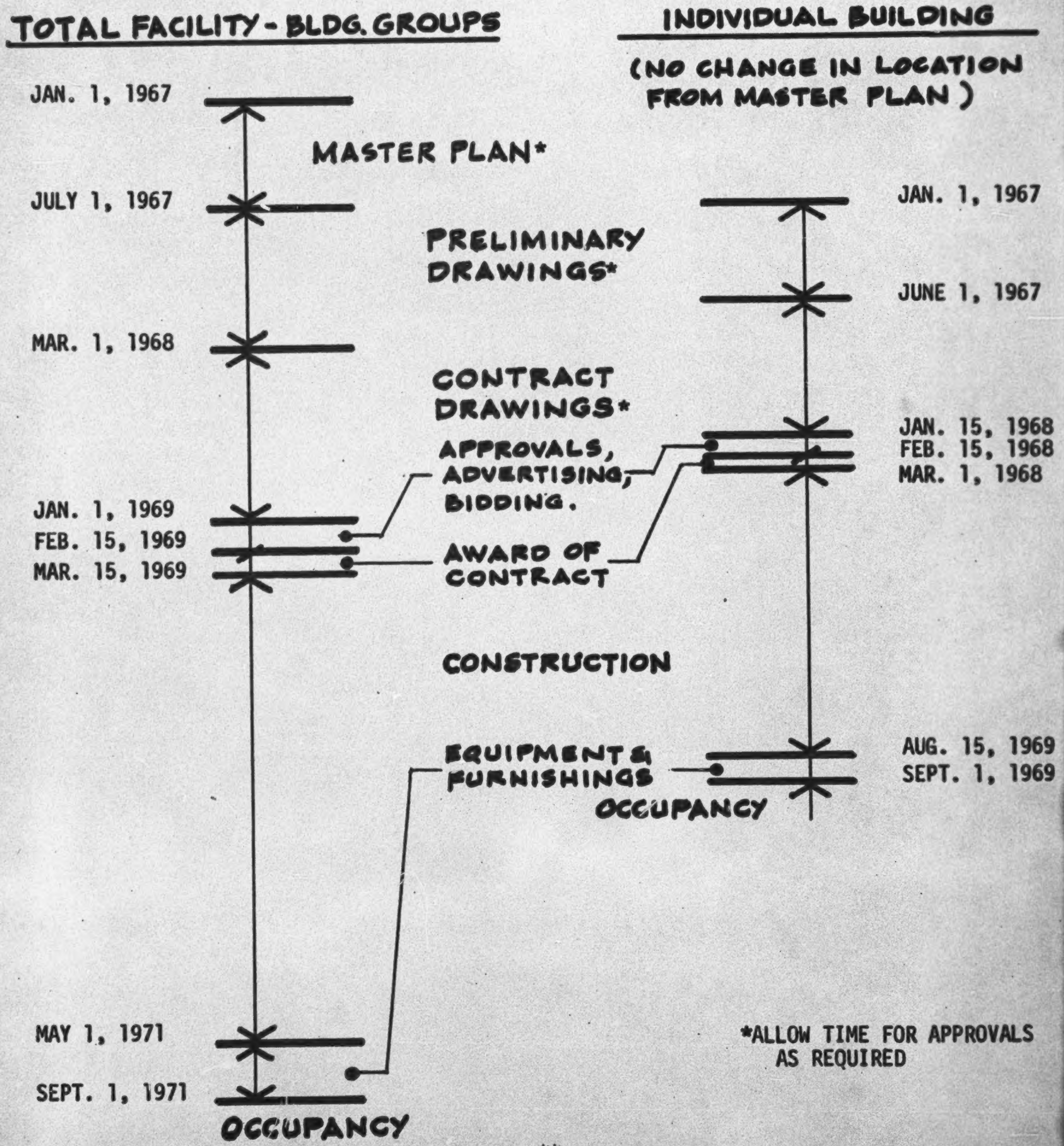
C. Certified survey of the site

D. Site work, such as playfields, roads, parking lots, landscaping, etc., at the above fee rate.

Sponsor service may be substituted for any phase of the above work; however, any costs exceeding the above amounts will not be reimbursed by the State. Sponsor service must be approved by State University before proceeding with the work.

TIME SCHEDULE FOR CAMPUS PLANNING AND CONSTRUCTION

(UTILIZATION PROJECTIONS AND BUILDING REQUIREMENTS PROGRAMS COMPLETED AND APPROVED.)


TOTAL FACILITY - BLDG. GROUPS
INDIVIDUAL BUILDING
(NO CHANGE IN LOCATION FROM MASTER PLAN)
JAN. 1, 1967
MASTER PLAN*
JULY 1, 1967
JAN. 1, 1967
PRELIMINARY DRAWINGS*
JUNE 1, 1967
MAR. 1, 1968
CONTRACT DRAWINGS*
JAN. 15, 1968
FEB. 15, 1968
MAR. 1, 1968
APPROVALS, ADVERTISING, BIDDING.
JAN. 1, 1969
FEB. 15, 1969
MAR. 15, 1969
AWARD OF CONTRACT
CONSTRUCTION
AUG. 15, 1969
SEPT. 1, 1969
EQUIPMENT & FURNISHINGS
OCCUPANCY
MAY 1, 1971
SEPT. 1, 1971
OCCUPANCY

*ALLOW TIME FOR APPROVALS AS REQUIRED

OFFICE OF ARCHITECTURE & FACILITIES

TIME SCHEDULES

Tabulation of Progress
of Various Existing Community College Projects

COLLEGE	TYPE	COST	UTILIZATION & SPACE REQ.	MASTER PLAN	PRELIMINARY	WORKING DRAWINGS	BIDDING PERIOD	CONSTRUCTION
Monroe	New Campus	$22.0 M	12 Mo.	6 Mo.	9 Mo.	6 Mo.	4 Mo.	21 Mo.
Queensborough	New Campus, Ph. I	9.4	14	9	9	18	6	24
Staten Island	New Campus, Ph. I	12.5	11	13	9	23	4	24
New York City	Academic & Science Bldg.	9.6	12	-	24	36	5	30
Auburn	Library Bldg.	0.5	-	-	2	13	2	24
Adirondack	New Campus	4.0	6	(Developed with Prel. Plans)	6	7	2	24
Ulster	New Campus, Ph. I	2.5	10	12 (Plus Schematics)	2	6	3	18 (Est.)
Corning	New Campus	4.5	9	8	4	9	1½	24
Erie	Expansion	5.7	5	-	16	In Progress Est. 12 Mo.	-	-
Fulton-Montgomery	New Campus	7.0	7	4 (Plus Schematics)	4	In Progress Est. 8 Mo.	2 (Est.)	18 (Est.)
Dutchess	Library	1.5	-	-	11	11	2	22
	Phys. Educ.	1.9	-	-	12	13	4	18
Suffolk	Student Center	2.0	2	-	6	7	3	18
	Humanities	1.8	-	-	6	10	3	18
	Gymnasium	1.2	-	-	6	9	4	24
Westchester	Student Center	1.3	-	-	8	6	3	18
	C. R. Bldg.	1.6	-	-	12	6	3	18
	Phys. Educ.	1.2	-	-	8	6	3	16
	Library	1.7	9	-	6	5	-	-
Mohawk Valley	New Campus	3.7	-	-	16	12	4	30
Jamestown	All-Inclusive Campus Bldg.	0.9	9	-	13	5	2	18
	Science, Eng. & Arts Bldg.	2.4	-	4	8	7	2 (Est.)	24 (Est.)
Broome	Library	1.4	6	-	8	5	1½	18 (Est.)
Jefferson	Phase I	1.1	-	(Developed with Prel. Plans)	16	5	1½	10
	Phase II	2.0	6		5	7	2	15 (Est.)
Fashion Institute	Expansion, Ph. I	20.0	8* (Incl. Ph.II)	-	12	10	3 (Est.)	26 (Est.)
	Ph. II	8.0	-	-	12	10	3 (Est.)	18 (Est.)
Hudson Valley	Existing Campus	3.3	7	5	12	9	4	30
Average					9.4	10.2	3	21.4

SELECTION OF A SITE
FOR A
COMMUNITY COLLEGE

Site selection is one of the most important aspects of planning for a new campus. It is a decision of considerable gravity for it will determine for many years hence the character and nature of the educational opportunities which can be afforded the youth and adults of an area. Considering all available facts, trends, and forecasts of probable development in the forseeable future, the most judicial decision is one based on sound criteria. A site selection study will benefit from consultation with such professionals as architects, landscape architects, and engineers.

Although the establishment of rigid criteria for site selection is difficult and risky, the following checklist is established to be used as a guide for selecting sites for community colleges. Though it is possible to argue the merits of a score on one factor relative to another under varying conditions, the use of this rating will provide a reasonably objective device for ranking the various sites under consideration. This checklist was designed to rate and weigh the pros and cons of any particular potential sites.

The list is divided into six major sections of varying importance as follows:

Accessibility		250 points
Site Characteristics		250
Costs		175
Size of Site		150
Environment		100
Integration with Regional Planning		75
	Maximum	1000 points

Accessibility

Accessibility is a very important aspect in the choice of a location for a new campus. Studies have tended to show that the great majority of students at the existing community colleges arrive by private car pools. (Parking spaces should be provided for 50% of the student enrollment and for 75% of faculty and staff.) Studies also indicate that 90% of the evening class enrollment will drive to the site, no matter how near it is. Ease of access by automobile from all parts of the region is, therefore, rated 50 points, and the availability of bus service is rated 20 points.

Existing or planned highway should be investigated for proper road connections to the site.

The college should be located for the easy and close accessibility for the greatest number of students. In comparing sites to best serve all populated areas, time and distance factors should be developed by multiplying the number of students from each area by the distance to be traveled and by the time it takes to travel the distance to each of the suggested sites.

Maximum travel time by automobile should not be more than 30 minutes.

Site Characteristics

The site should be in one piece and unencumbered by existing or future easements or public rights of way. A rectangular shaped parcel approaching a square is preferred over long, narrow sites, as this permits the best development of the academic area and gives maximum accessibility from the perimeter.

Sites with steep slopes and irregular topography should be carefully evaluated in terms of the building program. The central campus area should be relatively flat for economical construction. All the land need not be flat as many slopes can be used for aesthetic effects. Creative planning can capitalize on the design possibilities of rolling or sloping sites.

Sub-soil conditions should be examined to insure a minimum of rock, quicksand, and sub-surface water conditions. Topsoil should provide for good drainage and be acceptable for vegetative growth.

Costs

Site costs should include:

(a) Original purchase price

(b) Development, including demolition and utilities

(c) Any additional building costs incidental to site conditions

Competition, availability, and location are the major differentials in determining the price of land. Professional appraisals are necessary in determining a fair price for any acquisition. An independent and outside judgment is desirable. The cost of site preparation may be equal to the cost of land as a commodity. Generally, the criteria as to size and condition will eliminate those parcels which impose special costs in the way of site grading, excavation, and drainage. Other factors important in the costs of land preparation are demolition of existing structures, utility connections, and necessary road connections to link the campus and the community.

Loss of taxable property must be evaluated.

Size

The most important criterion is the availability of at least 100 usable acres. It is so important that State University will not approve a suburban site of less than 100 acres. Previously, a total of 150 points were assigned

1

for this one item alone. Since all suburban sites must have a minimum of 100 acres, the elimination of these 150 points places more weight on the other sections of the checklist and will thus give a greater variance percentage wise for evaluation of sites considered. The approximate breakdown of acreage needs is tabulated on the attached Table II.

Environment

The site should provide safe and healthful conditions for students, faculty, and visitors.

The site should be relatively free from sources of noise and danger such as airports, railroads, and heavily traveled highways. The site should also avoid the extremes of cold, excessive winds, smog, and fog.

The surroundings should tend to create a feeling of pride and respect for the sites and buildings.

Integration with Regional Planning

Acceptability in regional plan.

Noninterference with other regional projects.

Value for extensive use by all citizens of the region as a cultural center.

Though it is possible to argue the merits of a score on one factor relative to another under varying conditions, the use of this rating will provide a reasonably objective device for ranking the various sites under consideration. All sites should be evaluated independently.

EMR - August 1, 1966

SCORE CARD FOR SELECTION OF A SITE FOR A COMMUNITY COLLEGE

Site Under Consideration ____________________

Total Score ____________ Ranking ____________

Item	Sub-Score	Score
A. ACCESSIBILITY		250
1. Ease of access by automobile from all parts of the region (road conditions)	50	
2. Availability of bus service	20	
3. Ease of entrance into campus (preferably two entrances)	30	
4. Suitability of approach roads - widths and surfacing		
5. Existing or planned highway or thruway connections		
6. Safety of approaches		
7. Factor for distance and time travel for students	150	
B. SITE CHARACTERISTICS		250
1. Appropriate shape - approximately square and not irregular	75	
2. Attainment of esthetic values including natural beauty, high elevation and suitable view	50	
3. Assurance of terrain with no serious handicaps to development		
4. Avoidance of need for bridges or costly construction of roads or other elements	75	
5. Suitability of entrance and service road opportunities		
6. Avoidance of difficult subsoil conditions or excessive grading		
7. Prevalence of natural resources	25	
8. Availability of water supply		
9. Availability of sewage connections	25	
10. Availability of gas connections		
C. COSTS		175
1. Cost of land	75	
2. Cost of site preparation	60	
a. General adjustment of land contours for building and play areas		
b. Sufficient elevation for safeguarding drainage at reasonable cost		
c. Freedom from drainage from contiguous		
d. Ease of preparation of parking areas, entrances and service roads		

Item	Sub-Score	Score
C. COSTS -- Continued		
e. Additional changes for piling, rock excavation, tree removal, and the like		
f. Removal or razing of existing buildings		
3. Cost of utility connections (septic system)	30	
a. Length of trenchwork necessary		
b. Extent of pumping needs		
4. Cost of new improvements adjoining and approaching site	10	
a. New street paving required		
b. New sidewalk installations		
D. SIZE OF SITE		150
1. Provision for present and future building requirements	50	
2. Provision for adequate athletic activities	25	
3. Adequacy for parking of cars of students, faculty and the public	25	
4. Allowance for educational activities including outdoor theater, observatory, biology and engineering classes	20	
5. Provision for adequate set-back from roads	15	
6. Provision for future growth including possible unforeseen expansion	15	
E. PRESENT AND FUTURE ENVIRONMENT		100
1. Character of nearby housing	50	
2. Freedom from business distractions		
3. Separation from industrial developments		
4. Freedom from smoke, dust, odors or power lines		
5. Freedom from air, rail and truck traffic noises		
6. Protection from interference of rail or highway traffic and college automobile traffic	35	
7. Future prospect for surroundings	15	
F. INTEGRATION WITH REGIONAL PLANNING		75
1. Acceptability in regional plan	40	
2. Noninterference with other regional projects	15	
3. Value for extensive use by all citizens of the region as a cultural center	20	
MAXIMUM POSSIBLE SCORE	1,000	1,000

The above is based on a score card prepared by Dr. Engelhardt, Jr., Educational Consultant.

TABLE II

Approximate breakdown of acreage needs for adequate sites for Community Colleges. State University requires a minimum site of 100 acres for a suburban site and 40 acres for an urban site.

Enrollment	1,000	2,000	3,000	4,000	5,000
Gross Bldg. Area	160,000	320,000	480,000	640,000	800,000
Site Bldg. Requirements	100,000[a]	160,000[b]	200,000[c]	240,000[c]	270,000[d]
Net Bldg. Requirements	2.5	4	5	6	7
Gross Bldg. Site Req.[e]	7.5-12.5	12-20	15-25	18-30	21-35
Circulation & Open Space	15	15	20	25	30
Outdoor Athletic Fac.	20-30	20-30	30	36	42
Parking[f]	5	10	15	20	25
Expansion	40	40	40	40	40
Total Acres[g]	100	115	130	150	170

a. Mostly one story
b. One, two, and three story
c. Two and three story
d. Two and three story and higher
e. Density Coefficient - .33 - .20
f. Parking - 60% of students and 75% of staff @ 132 per acre
g. Usable acres - Additional suitable buffer acreage is desirable to screen off possible unsightly elements such as low cost housing, commercial, and industrial ventures.

TABLE III

LAND ACREAGES
AT PERMANENT SITES
FOR
COMMUNITY COLLEGES
STATE UNIVERSITY OF NEW YORK

Adirondack Community College	141.00
Auburn Community College	40.00
Borough of Manhattan Community College	Temporary Quarters
Bronx Community College	12 (Air-Rights) + 2.00
Broome Technical Community College	67.30* **
Corning Community College	278.00
Dutchess Community College	71.80
Erie County Technical Institute	120.00
Fashion Institute of Technology	1.87*
Fulton-Montgomery Community College	217.00
Hudson Valley Community College	70.00*
Jamestown Community College	107.00**
Jefferson Community College	135.20
Kingsborough Community College	70.00
Mohawk Valley Community College	86.00
Monroe Community College	318.00
Nassau Community College	173.50
New York City Com. Col. of Applied Arts and Sciences	2.99*
Niagara County Community College	200.00
Onondaga Community College	60.00
Orange County Community College	23.00
Queensborough Community College	34.48
Rockland County Community College	94.00* + (68)
Staten Island Community College	40.00
Suffolk County Community College	135.00* **
Sullivan County Community College	Not Selected
Ulster County Community College	85.00**
Westchester Community College	218.00

*Additional property being acquired.
**Additional land available for future acquisition.

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FOR

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*Additional property being acquired.
**Additional land available for future acquisition.

POLICY ON AIR CONDITIONING

The following policy has been resolved by the Trustees:

RESOLVED that a policy on air conditioning for new construction, which shall apply to state-aided community college construction, as well as to State University buildings be, and hereby is, approved to provide air conditioning for the following:

A. A building or space used for instruction or related activities by large groups.

   1. Lecture Halls
   2. Auditoriums
   3. Theatres
   4. Dining Halls
   5. Student Unions

B. A building or space used by students, faculty, or administration for a long period of time.

   1. Library
   2. Administration Space

C. A building or space that requires temperature or humidity control due to the special nature of instructional or research activity it is designed for.

   1. T.V. Studios and Control Rooms
   2. Animal Quarters
   3. Special Science Labs and Instrument Rooms
   4. Language Labs
   5. Research Area and Operating Rooms in University Hospitals

Everyone should be governed by the above decisions when determining spaces to be air conditioned.

SUNY Trustees 62-108

2

GENERAL INSTRUCTION

SUBJECT: List of Air-conditioned Spaces

This list is developed within the framework of SUNY policy. It is to aid interpretation and to supplement program requirements.

I. Academic Facilities

1. LECTURE HALLS BUILDING - All occupied spaces are to be air-conditioned. (This normally excludes spaces such as lobby, corridor, utility area, toilets, stairways, general storage, service area and related circulation.)

2. LIBRARY BUILDING - Same as I - 1.

3. FINE ARTS BUILDING

   a) Theatre, auditorium, recital hall and lab-theatre

   audience
   stage
   related lobbies
   projection room

   b) Art Department

   art gallery and related lounge
   work and storage rooms for photographic development

   c) Music Department

   instrument storage room
   instrument and choral rehearsal rooms

4. SCIENCE BUILDING

   a) Social Science - Laboratories for language, speech, psychology and physiology as per program requirements

   b) All research labs

   c) Photo dark room
   Cold room (refrigerated space)
   Planetarium
   Optical dark room
   Balance room
   Animal room
   Special equipment rooms as called for in program

5. OTHER INSTRUCTIONAL AND RELATED SPACES

   a) Lecture rooms, auditorium and related preparation-projection rooms

   b) T. V. studios and related control rooms

   c) Storage and control rooms for audio, video and film tapes

   d) Instrumentation and electronic date control rooms

6. INDUSTRIAL & TECHNICAL BUILDING

   a) Precision measurements lab

   b) Constant temperature room

II. Nonacademic Facilities

1. STUDENT UNION BUILDING AND STUDENT ACTIVITIES BUILDING - Same as I - 1.

2. ADMINISTRATION BUILDING - Same as I - 1.

3. DINING HALLS BUILDING - General lobby and lounge space, dining and serving space.

4. SERVICE BUILDING

   a) Vegetable preparation and storage area

   b) Meat preparation area

NOTES:

1. Air conditioning may require only cooling, temperature or humidity control as per program requirements or actual need.

2. Other spaces, where air conditioning was not programmed, may be air-conditioned only when a written approval is issued by SUNY upon Architect's proposal and recommendation with the understanding that the proposal is economically feasible and within the overall building Program Budget.

3. State University will not consider a concept of a "windowless building" completely depending on mechanical air conditioning except for certain portions of Lecture Hall Buildings or special research and science facilities.

4. All cooling facilities shall be contained within the specific project. A small complex of adjacent buildings may contain a central unit with distribution and a common cooling tower if economically advisable.

CARPETING

In all locations where carpeting is approved, it is to be installed on a pad directly over the concrete floor fill, and unless otherwise specified, it is to extend from wall to wall.

Carpeting has been approved for the following areas:

	Not to Exceed
A. Offices of the Chief Administrator	
1. President's suite	400 sq. ft.
2. Secretaries to President	240 sq. ft.
B. Offices of Assistants to Chief Administrator	
1. V. P. Academic Affairs	300 sq. ft.
2. V. P. Student Affairs	300 sq. ft.
3. Assistant to President	240 sq. ft.
C. Offices of Program Directors	240 sq. ft.
Examples: Directors Deans Department Heads	
D. Gallery (Fine Arts Building)	1200 sq. ft.
E. Library	
1. Reading areas - Reserve Book Room Informal Reading Room Archives and Rare Book Room	
2. Typing Rooms	
3. Music Listening Rooms	
F. Faculty Lounge	
G. Auditorium - Aisles and Front Section only	
H. Language Labs	
I. Humanities Building - Speech Therapy Rooms	
J. Student Union Buildings	
Main Lounge	2000-3000 sq. ft.
Auxiliary Lounge	2000 sq. ft.
or	
Student Lounges	3 @ 500 + 3 @ 240 = 2000 sq. ft.

J. Student Union Buildings (Continued)

If an auxiliary lounge is provided in this building, it will be carpeted, but if a series of student lounges is provided instead, each of the lounges will be carpeted.

	Not to Exceed
Quiet Room	500 sq. ft.
Private Dining Room	360 sq. ft.
or	
Faculty Dining Room	1500 sq. ft.

If a Faculty Dining Room is provided in this building, it will be carpeted. If a Private Dining Room is provided instead, that will be carpeted.

T. V. Rooms	3 @ 360 = 1080 sq. ft.
Conference Room - Staff	360 sq. ft.
Director's Office	180 sq. ft.
Reading and Music Rooms	960 sq. ft.

In the event the Architect recommends carpeting for any spaces not specifically approved, he will prepare written justification for same. The justification should clearly describe and enumerate - Acoustics, Lighting, Aesthetics, Maintenance, Economics and other related subjects as may affect these and related spaces.

COST GUIDES FOR COMMUNITY COLLEGES

COST ELEMENTS*

Building Function	Factor of Increase Net to Gross Area	Cost Per Gross SF	Elevator Extra Cost Per Gross SF	Air Conditioning Extra Cost Per Gross SF
Administration	1.5	$21.00	$.63	$3.02
Classroom	1.5	21.00	.63	3.02
Industrial Technology	1.6	20.00	.63	3.02
Science Laboratory and Classroom	1.64	26.00	.63	2.58
Library	1.32	22.61	.63	1.71
Auditorium	1.26	28.47	.63	1.80
Building Type				
Student Center	1.70	24.84	.63	2.06
Physical Education	1.42	23.11	.63	2.96
Fine Arts Classroom	1.67	25.00	-	INC.**
Fine Arts Theater	2.00	31.00	-	INC.**
Lecture Center	1.80	24.50	-	INC.**
Field House	1.00	12.00	-	-
Service	1.33	19.00	-	-

*To be multiplied by cost index for various campuses. Escalation varies from 3 to 5% per year depending on locality and year of prospective bid. Contact Director of Community College Facilities Planning for escalation factor for a specific area of the State.

**Air conditioning included in the base cost.

January 1, 1967

CONSTRUCTION COST INDEX FOR THE VARIOUS CAMPUS LOCATIONS USING ALBANY METROPOLITAN AREA AS 1.00

College	Cost Index
Albany	1.0
Adirondack	1.0
Auburn	1.029
New York Metropolitan Area	1.141
Broome	1.07
Corning	1.07
Dutchess	1.094
Erie	1.024
Fulton-Montgomery	1.0
Jamestown	1.0
Jefferson	1.029
Mohawk	1.0
Monroe	1.09
Nassau	1.14
Niagara	1.024
Onondaga	1.029
Orange	1.094
Suffolk	1.123
Sullivan	1.094
Ulster	1.094
Westchester	1.14

CONSTRUCTION COST INDEX BY YEAR

	Base	
	1966	1967
1967	-	1.0
1966	1.00	1.04
1965	1.004	1.084
1964	1.079	1.119
1963	1.109	1.149
1962	1.127	1.167
1961	1.150	1.190
1960	1.171	1.211
1959	1.201	1.241
1958	1.224	1.264
1957	1.238	1.278
1956	1.271	1.311
1955	1.335	1.375
1954	1.383	1.423
1953	1.403	1.443
1952	1.416	1.456

In order to find current cost of a project bid, multiply the cost by the index for that year. Example, a building cost $18.00/sq. ft. in 1960; in 1966 the same building would cost 1.171 x $18.00 = $21.08/sq. ft.; or in 1967 we expect it to cost approximately 4% more or $21.92/sq. ft.

EQUIPMENT COST

Based on Percentage of Total Estimate Cost of Building
(Minus S.C. & L.G.)

12%

Physical Education

18%

Auditoriums
Administration

20%

Service Group
Business Administration

23%

Classroom

25%

Library

30%

Student Union
Social Science
Fine Arts
Humanities

35%

Science Building
- Physics
- Chemistry
- Biology

Industrial Tech Bldgs.

This chart shows a comparison of these space guides with actual gross area taken from the final drawings for Monroe Community College. Although there is a variance in individual buildings, the total gross areas are very close. The variance in areas for individual buildings is due to a shift in student non-instructional spaces such as lockers, auxiliary lounges, toilet facilities, and service and mechanical space located in one building but serving other buildings.

ESTIMATING GROSS AREAS
(Monroe Community College)

		Net Area		Net to Gross Factor		Estimated Gross Area	Actual Gross Area
1	Administration	22,648	x	1.5	=	33,972	49,693
2	Library	52,930	x	1.32	=	70,573	163,038
3	Student Center	61,735	x	1.7	=	104,950	
4	Fine Arts Bldg.	27,703	x	1.67	=	46,163	35,092
5	Office & Lecture	22,641	x	1.67	=	37,740	55,082
6	Humanities	32,028	x	1.6	=	54,000	66,926
7	Science	52,599	x	1.64	=	86,264	61,959
8	Office & Lecture	28,506	x	1.67	=	47,506	70,100
9	Engineering Technical	57,102	x	1.6	=	91,363	79,839
10	Gymnasium	51,755	x	1.42	=	72,457	66,084
10A	Storage-Athletic					450	450
11	Service Building	13,931	x	1.33	=	18,571	15,831
	Total					663,909	664,094

Area/Student Designed Capacity $\frac{664,094}{4,000}$ = 166 Square Feet

Area/Student 1970 Enrollment $\frac{664,094}{4,600}$ = 144 Square Feet

This chart shows a comparison of using our unit cost data in estimating the cost of Monroe Community College with actual bid costs.

ESTIMATING PROJECT COST
(Monroe Community College)

		Gross Area		Unit Cost		Estimated Cost		Actual Bid Cost
1	Administration	33,972	x	$24.31	=	$ 825,859		
2	Library	70,573	x	24.32	=	1,716,335		
3	Student Center	104,950	x	26.90	=	2,823,155		
4	Fine Arts Bldg.	46,163	x	25.00	=	1,154,100		
5	Office & Lecture	37,740	x	24.50	=	924,630		
6	Humanities	54,000	x	21.41	=	1,156,140		
7	Science	86,264	x	26.31	=	2,269,606		
8	Office & Lecture	47,506	x	24.50	=	1,163,897		
9	Engineering Technical	91,363	x	21.00	=	1,918,623		
10	Gymnasium	72,457	x	23.50	=	1,702,740		
10A	Storage-Athletic	450				15,007		
11	Service Building	18,571	x	15.00	=	278,565		
	Estimated Building Cost					$15,948,657		
	Location Factor					x 1.09		
	Estimated Cost (Monroe Area) 1966					$17,385,036		
	For 1965 Bid (minus escalation 3½%)					608,476		
	Total Estimated Building Cost (for 1965)					$16,776,560		$16,064,123
	Utilities - 8%					$ 1,342,125	9%	1,443,234
	Site Work - 12%					2,013,187	12.4%	1,983,225
	Total Estimate					$20,131,872		$19,490,582
	Planning, Supervision & Administration							
	Master Planning					25,000		28,500
	Architect-Engineers Fee			- 6%		1,200,000		1,166,422
	Adminis., Supervision & Contingencies			- 1%		200,000		300,000
	Total Estimated Project Cost					$21,556,872		$20,985,504
	Equipment Cost					$ 3,281,500		$ 500,000
	Cost/Student Designed Capacity	$21,485,504 4,000			=			$ 5,370
	Cost/Student 1970 Enrollment	$21,485,504 4,600			=			$ 4,670

MONROE COMMUNITY COLLEGE

CAMPUS CONSTRUCTION

CONSTRUCTION BASE COST		$16,064,123
Construction	$14,940,906	
Fixed Equipment	771,815	
Food Service	351,402	
UTILITIES		1,443,234
Utilities	$ 762,265	
Steam Transmission	680,969	
SITE WORK		1,983,225
Rough Grading	$ 247,800	
Paving and Grading	1,527,985	
Landscaping	100,000	
Exterior Lighting	107,440	
PLANNING, SUPERVISION & ADMINISTRATION		1,494,922
Master Planning	$ 28,500	
Architect's/Engineer's Fees	1,166,422	
Owners Administrative Expense, Supervision, and Contingencies	300,000	
EQUIPMENT-FURNISHINC		500,000
TOTAL		$21,485,504
LAND		
Cost of Land Purchases plus County owned land donated	$ 931,173	
Appraised Value for 318 Acres		$ 1,292,500

STATE UNIVERSITY OF NEW YORK
OFFICE OF ARCHITECTURE AND FACILITIES

MONROE COMMUNITY COLLEGE

CAMPUS CONSTRUCTION

Bid August 27, 1965

	Programed Net Sq. Ft.	x	Factor	=	Gross Sq. Ft.	x	Unit Cost	
Constr. Base Cost	425,000		1.58		664,094		$24.20	$16,064,123
Utilities							9.0%	1,443,234
Site Work (318 Acres)							12.4%	1,983,225
								$19,490,582
Planning, Supervision, and Administration							7.6%	1,494,922
								$20,985,504
Furnishings**							3.1%	500,000
Total								$21,485,504
Area/Student*								166 Sq. Ft.
Cost/Student*								$5,370

*Student Enrollment - 4000
Student Union, Library & Gymnasium designed for enrollment of 6000 students.

**Furnishings - Existing furnishings as desks, chairs, tables, lab equipment, etc., to be reused.

MONROE COMMUNITY COLLEGE

CAMPUS CONSTRUCTION

	Bids	Cost/S.F.	Per Cent
ADMINISTRATION BLDG. #1			
General Construction	$ 635,000	$12.77	59
Mechanical	250,840	5.05	23
Electrical	188,336	3.79	18
Total	$ 1,074,176	$21.61	100
Area	49,693 S.F.		
LIBRARY & STUDENT CENTER BLDG. #2 & 3			
General Construction	$ 2,114,000	$12.96	57
Mechanical	901,037	5.52	24
Electrical	670,852	4.10	19
Total	$ 3,685,889	$22.60	100
Area	163,038 S.F.		
FINE ARTS BLDG. #4			
General Construction	$ 728,000	$20.74	69
Mechanical	178,754	5.09	17
Electrical	144,800	4.13	14
Total	$ 1,051,554	$29.96	100
Area	35,092 S.F.		
OFFICE-LECTURE BLDG. #5			
General Construction	$ 775,000	$14.06	63
Mechanical	260,640	4.73	21
Electrical	191,500	3.48	16
Total	$ 1,227,140	$22.27	100
Area	55,082 S.F.		

	Bids	Cost/S.F.	Per Cent
HUMANITIES BLDG. #6			
General Construction	$ 751,000	$11.22	57
Mechanical	313,588	4.68	24
Electrical	252,376	3.77	19
Total	$ 1,316,964	$19.67	100
Area	66,926 S.F.		
SCIENCE BLDG. #7			
General Construction	$ 1,103,000	$17.80	51
Mechanical	763,892	12.33	36
Electrical	276,795	4.46	13
Total	$ 2,143,687	$34.59	100
Area	61,959 S.F.		
OFFICE-LECTURE BLDG. #8			
General Construction	$ 844,000	$12.04	60
Mechanical	303,433	4.33	21
Electrical	264,476	3.77	19
Total	$ 1,411,909	$20.14	100
Area	70,100 S.F.		
ENGINEERING TECHNOLOGY BLDG. #9			
General Construction	$ 887,000	$11.11	60
Mechanical	241,570	3.03	16
Electrical	343,282	4.29	24
Total	$ 1,471,852	$18.43	100
Area	79,839 S.F.		
GYMNASIUM BLDG. #10			
General Construction	$ 891,000	$13.48	67
Mechanical	258,298	3.91	19
Electrical	172,476	2.61	14
Total	$ 1,321,774	$20.00	100
Area	66,084 S.F.		

	Bids	Cost/S.F.	Per Cent
BLDG. #10A			
General Construction	$ 10,000	$22.22	66
Mechanical	480	1.06	4
Electrical	4,527	10.06	30
Total	$ 15,007	$33.34	100
Area	450 S.F.		
BLDG. #11			
General Construction	$ 225,000	$14.22	68
Mechanical	40,454	2.55	12
Electrical	62,940	3.97	20
Total	$ 328,394	$20.74	100
Area	15,831 S.F.		
SUMMARY TOTALS			
General Construction	$ 8,963,000	$13.49	60
Mechanical	3,512,986	5.28	23
Electrical	2,572,360	3.88	17
Total	$15,048,346	$22.65	100
Area	664,094 S.F.		

SUMMARY OF CONSTRUCTION COST FOR COMMUNITY COLLEGES

Cost Includes General Construction, Plumbing, Heating & Electrical Work
(Site Work and Equipment Cost Not Included)

COLLEGE	BUILDING	DATE OF BID	AMOUNT OF CONSTR. BID	AREA	COST PER SQ.FT.	ESCALATION FACTOR	1966 COST PER SQ.FT.	LOCAL COST INDEX	1966 BASE COST PER SQ.FT.
Adirondack	Phase I	9/10/65	$3,019,764	153,888	$19.60	1.044	$20.46	1.0	$20.46
	Administration	9/10/65	270,631	9,177	29.50		30.80		30.80
	Student Ctr.	9/10/65	446,740	25,339	17.63		18.40		18.40
	Classroom Bldg.	9/10/65	488,026	27,702	17.62		18.40		18.40
	Library	9/10/65	360,602	23,900	15.10		15.76		15.76
	Science Bldg.	9/10/65	439,141	23,563	18.63		19.45		19.45
	Lecture Hall	9/10/65	352,888	13,437	26.26		28.41		28.41
	Gymnasium	9/10/65	661,735	31,440	21.00		21.92		21.92
Auburn	General	10/09/57	1,243,658	80,420	15.47	1.238	18.15	1.04	17.45
	Library/C.R. Bldg.	6/01/63	550,366	39,088	16.00	1.109	17.74	1.04	17.05
Broome	Phase I	9/01/55	2,266,059	137,000	16.50	1.335	22.02	1.08	20.39
	Fine Arts Bldg.	10/ /61	718,687	40,250	17.85	1.15	20.53	1.08	19.00
	Library	5/27/66	1,217,395	46,260	26.30	1.0	26.30	1.08	24.35
Corning	Phase I	7/01/62	3,784,404	166,579	22.66	1.127	25.54	1.08	23.74
	Library	7/01/62	625,073	26,570	23.52	1.127	26.51	1.08	24.56
	C.R. & Adminis.	7/01/62	841,499	40,622	20.73	1.127	23.36	1.08	21.64
	Science Tech.	7/01/62	931,291	40,365	23.28	1.127	26.24	1.08	24.30
	Student Union	7/01/62	711,067	32,158	19.10	1.127	21.53	1.08	20.00
	Gymnasium	7/01/62	675,474	26,864	25.20		28.40	1.08	26.30
Dutchess	Tech. Science								
	Student Ctr.								
	Library	9/15/64	1,059,428	33,296	31.00	1.079	33.45	1.09	30.68
	Gymnasium	11/10/64	1,307,690	50,100	26.00	1.079	28.26	1.09	25.93
Erie	Phase I	11/18/58	4,901,069	276,417	17.73	1.224	21.70	1.07	20.03
	Adminis. & C.R.								
	Library								
	Student Ctr.								
	Lab C.R. #1								
	Lab C.R. #2								
	Lab C.R. #3								
	Lab C.R. #4								

COLLEGE	BUILDING	DATE OF BID	AMOUNT OF CONSTR. BID	AREA	COST PER SQ.FT.	ESCALATION FACTOR	1966 COST PER SQ.FT.	LOCAL COST INDEX	1966 BASE COST PER SQ.FT.
Fashion Institute	Phase I	11/15/56	$8,814,000	298,000	$29.60	1.224	$36.23	1.17	$31.00
Fulton-Montgomery	Phase I								
Hudson Valley	Phase I	2/27/59	2,714,243	179,686	15.05	1.201	18.07	1.0	18.07
	Administration	2/27/59	572,849	37,130	15.44	1.201	18.54	1.0	18.54
	Science	2/27/59	773,126	52,371	14.80	1.201	17.77	1.0	17.77
	Technical #1	2/27/59	412,572	27,988	14.74	1.201	17.70	1.0	17.70
	Technical #2	2/27/59	412,572	26,650	15.51	1.201	18.63	1.0	18.63
	Stud. Union & Gym	2/27/59	543,126	35,547	14.74	1.201	17.77	1.0	17.77
	C. R. Building	3/25/64	733,821	56,277	13.75	1.079	14.84	1.0	14.84
Jamestown	General	6/21/61	863,152	47,590	18.14	1.150	20.86	1.0	20.86
	Science	10/24/66	1,924,951	69,997	27.51	1.0	27.51	1.0	27.51
Jefferson	Phase I	6/02/64	644,427	40,000	16.10	1.079	17.37	1.03	16.86
	Administration	6/02/64		6,660					
	Science	6/02/64		17,806					
	C. R. Building	6/02/64		15,534					
	Phase II	5/24/66	1,597,872	90,360	17.75	1.0	17.75	1.03	17.23
	Library	5/24/66		29,260					
	Gym, Auditorium & Student Ctr.	5/24/66		61,100					
Mohawk Valley	Phase I								
	Academic								
	Gymnasium								
	Student Center								
	Phase II								
	Adminis., Library & Auditorium								
Monroe	Phase I	8/27/65	15,048,346	664,094	22.65	1.044	23.64	1.09	21.70
	Administration	8/27/65	1,074,176	49,693	21.61	1.044	22.56	1.09	20.70
	Lib. & Stud. Ctr.	8/27/65	3,685,889	163,038	22.60	1.044	23.59	1.09	21.61
	Fine Arts	8/27/65	1,051,554	35,092	29.96	1.044	31.30	1.09	28.71
	Office L. H.	8/27/65	1,227,140	55,082	22.27	1.044	23.25	1.09	21.33
	Humanities	8/27/65	1,316,964	66,926	19.67	1.044	20.55	1.09	18.85
	Science	8/27/65	2,143,687	61,959	34.59	1.044	36.10	1.09	33.12
	Office L. H.	8/27/65	1,411,909	70,100	20.14	1.044	21.03	1.09	19.30
	Engning & Tech.	8/27/65	1,471,852	79,839	18.43	1.044	19.24	1.09	17.65
	Gymnasium	8/27/65	1,321,774	66,084	20.00	1.044	20.88	1.09	19.16
	Service	8/27/65	328,394	15,831	20.17	1.044	21.12	1.09	19.38

COLLEGE	BUILDING	DATE OF BID	AMOUNT OF CONSTR. BID	AREA	COST PER SQ.FT.	ESCALATION FACTOR	1966 COST PER SQ.FT.	LOCAL COST INDEX	1966 BASE COST PER SQ.FT.
New York City	Auditorium & Gym	6/15/61	$2,338,805	60,446	$37.04	1.15	$42.59	1.17	$36.40
	Academic-Science	11/13/64	9,119,317	360,615	25.33	1.079	27.33	1.17	23.36
Orange	Classroom Building	6/ /62	896,527	53,196	16.80	1.127	18.93	1.07	17.70
	Student Union & Gym	2/ /57	708,500	37,600	18.80	1.238	23.27	1.07	21.75
	Library	2/ /57	210,800	11,480	18.30	1.238	22.65	1.07	21.17
	Classroom Building	2/ /53	219,900	15,732	14.00	1.403	19.64	1.07	18.35
Queensborough	Tech. Building	8/ /61	760,714	24,180	31.50	1.15	36.22	1.17	30.96
	Phase I	5/05/65	9,403,650	357,000	26.33	1.044	27.49	1.17	23.50
	Library-Adminis.	5/05/65							
	Science	5/05/65							
	Gymnasium	5/05/65							
Rockland	General								
Staten Island	Phase I	4/08/65	8,626,785	307,058	28.00	1.044	29.23	1.17	25.00
	Science Tech.	4/08/65							
	Health & Arts	4/08/65							
	Academic	4/08/65							
	Service	4/08/65							
Suffolk	Gymnasium	10/ /63	1,250,723	53,942	23.10	1.109	25.62	1.13	22.67
	Humanities	5/ /64	2,032,399	85,000	23.90	1.079	25.79	1.13	22.82
	Student Center	1/ /66	1,487,188	60,220	24.70	1.0	24.70	1.13	21.86
	Library	9/01/66	1,893,351	66,687	28.36	1.0	28.36	1.13	25.10
Ulster	Phase I	12/20/65	1,659,980	66,923	24.76	1.044	25.85	1.047	24.69
	All Purpose	12/20/65	175,890	7,080	28.00	1.044	29.23	1.047	27.92
	Library	12/20/65	473,540	15,752	30.40	1.044	31.74	1.047	30.32
	Business Studies	12/20/65	449,700	21,680	20.72	1.044	21.63	1.047	20.64
	Science	12/20/65	515,850	21,840	23.55	1.044	24.60	1.047	23.50
Westchester	Engineering Tech.	7/20/60	1,275,000	70,571	18.07	1.171	21.16	1.15	18.40
	Student Center	7/19/61	1,281,974	54,450	23.50	1.15	27.12	1.15	23.60
	Gymnasium	2/20/63	1,188,050	54,234	21.93	1.109	24.32	1.15	21.15
	Classroom Bldg.	5/01/65	1,310,225	54,000	24.26	1.044	25.32	1.15	22.00
	Library	7/ /66	1,268,850	51,307	24.73	1.0	24.73	1.15	21.50

AVERAGE COST

FOR

COMMUNITY COLLEGE BUILDINGS

	Average Cost Per Square Foot
Administration	$20.88
Industrial Technology	19.85
Classroom	18.44
Lecture Center	22.00
Fine Arts	23.52
Faculty Office	20.96
Auditorium	32.00
Library	22.44
Gymnasium	23.11
Science	24.03
Student Center	20.74
Service	19.38

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE

Adirondack Community College
Hudson Falls, New York
Stage I

ARCHITECT
Crandell Associates and Lacy, Atherton & Davis
Glens Falls, N. Y. Wilkes-Barre, Pa.

	Area Sq. Ft.
Administration Bldg.	25,339
Student Center	31,440
Gymnasium	9,177
Classroom Bldg.	27,702
Library	23,230
Laboratory	23,563
Lecture Hall	13,437
	153,888

2. DESCRIPTION OF STRUCTURE

3. DATE OF BID
September 10, 1965

4. TABULATION OF BIDS

GENERAL CONSTRUCTION		$ 2,586,720
PLUMBING		$ 291,068
HEATING		$ 182,263
ELECTRICAL		$ 484,845
ELEVATOR		$ 28,994
TOTAL		$ 3,573,890
KITCHEN EQUIPMENT		$ 49,527
SITE WORK	(Included in Bids) (Estimated $438,000)	$
EQUIPMENT	Lecture Hall Seating	13,809
	Library Stacks	$ 11,983
	Laboratory Furniture	21,277
FURNITURE		$

5. SQUARE FOOT AREA OF BUILDING 153,888 sq.ft.

6. CUBIC FEET OF BUILDING 2,238,832 cu.ft.

7. COST/SQ. FT. ($24.00 Including Site Work) $ 19.60 (Excluding Site Work)

8. COST/CU. FT. $ 1.35

9. DATE OF OCCUPANCY Estimated September 1967

10. MISCELLANEOUS INFORMATION

Foundations - part piles, part rock excavation - Superstructure poured in place reinforced concrete grid flat slab system and roof deck. Gym & Lecture Hall - precast prestressed tie beams, 4" brick, 2" rigid insulation and 8" concrete block, electric heat. Library and Lecture Hall - air conditioned. Administration has heating-cooling units throughout.

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE
Auburn Community College
Auburn, New York
General

ARCHITECT
Beardsley and Beardsley

2. DESCRIPTION OF STRUCTURE
General - Includes Gym, Auditorium, Bookstore, Student Union, Classrooms, Laboratories (general Chemistry, Analytical Chemistry, Physics, and Biology).

3. DATE OF BID
October 9, 1957

4. TABULATION OF BIDS

GENERAL CONSTRUCTION	$ **902,353**
PLUMBING	$ **56,600**
HEATING	$ **152,850**
ELECTRICAL	$ **131,847**
TOTAL	$ **1,243,650**
KITCHEN EQUIPMENT	$
SITE WORK	$
EQUIPMENT	$
FURNITURE	$

5. SQUARE FOOT AREA OF BUILDING **80,420** sq.ft.
6. CUBIC FEET OF BUILDING **1,229,200** cu.ft.
7. COST/SQ. FT. $ **15.47**
8. COST/CU. FT. $ **1.01**
9. DATE OF OCCUPANCY **September 1959**
10. MISCELLANEOUS INFORMATION

Gym-Auditorium - structural steel, other areas concrete frame. Brick-block (Ext.), Brick-block (Int.), stair and corridor - terrazzo. Classrooms - asphalt tile floors, acoustical tile ceilings. Heating - forced hot water unit ventilators.

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE
Auburn Community College
Auburn, New York
Library-Classroom Building

ARCHITECT
Beardsley and Beardsley

2. DESCRIPTION OF STRUCTURE
Library and Classroom Building
Four classrooms, lecture room, art room, faculty offices (unfinished basement under library area).

3. DATE OF BID

4. TABULATION OF BIDS

GENERAL CONSTRUCTION	$ 391,519
PLUMBING	$ 29,700
HEATING	$ 64,623
ELECTRICAL	$ 64,524
TOTAL	$ 550,366
KITCHEN EQUIPMENT	$
SITE WORK	$
EQUIPMENT	$
FURNITURE	$

5. SQUARE FOOT AREA OF BUILDING	39,088* sq.ft.
6. CUBIC FEET OF BUILDING	545,084 cu.ft.
7. COST/SQ. FT.	18.56 (Excluding Basement) $ 14.08 (Including Basement)
8. COST/CU. FT.	1.20 (Excluding Basement) $ 1.01 (Including Basement)
9. DATE OF OCCUPANCY	September 1965

10. MISCELLANEOUS INFORMATION
*(Includes 9,437 square feet unfinished basement)

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE
Broome Technical Community College
Binghamton, New York
Phase I

ARCHITECT
A. T. Lacey & Sons

2. DESCRIPTION OF STRUCTURE
Administration Building, Science Building, Electrical Tech. Building, Maintenance Building, Mechanical Tech. Building, Gymnasium and Student Service Center Building

3. DATE OF BID
September 1955

4. TABULATION OF BIDS

		Student Center	
GENERAL CONSTRUCTION	$ 978,900	+ 433,212	=1,412,112
PLUMBING	$ 102,450	+ 91,830	= 194,280
HEATING	$ 153,480	+ 109,995	= 263,475
ELECTRICAL	$ 304,852.93	+ 91,339	= 396,191.93
	$ 1,539,682.93	+ 726,376	=
TOTAL ($726,376 - Gym-Student Center)	$		2,266,058.93
KITCHEN EQUIPMENT	$		
SITE WORK	$ 272,000		
EQUIPMENT }	$		
FURNITURE }	$ 153,000	+ 66,136	= 219,136

5. SQUARE FOOT AREA OF BUILDING 137,000 sq.ft.

6. CUBIC FEET OF BUILDING cu.ft.

7. COST/SQ. FT. $ 16.50

8. COST/CU. FT. $

9. DATE OF OCCUPANCY

10. MISCELLANEOUS INFORMATION

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE
Broome Technical Community College
Binghamton, New York
Library
ARCHITECT
A. T. Lacey & Sons

2. DESCRIPTION OF STRUCTURE

3. DATE OF BID
May 27, 1966

4. TABULATION OF BIDS

GENERAL CONSTRUCTION	$ 835,000 - 46,600 = 788,400
PLUMBING	$ 39,545 39,545
HEATING	$ 223,200 223,200
ELECTRICAL	$ 246,350 - 80,100 = 166,250
TOTAL	$1,344,095 -126,700 = 1,217,395
KITCHEN EQUIPMENT	$
SITE WORK	$ 126,700
EQUIPMENT	$
FURNITURE	$

5. SQUARE FOOT AREA OF BUILDING 46,260 sq.ft.
6. CUBIC FEET OF BUILDING cu.ft.
7. COST/SQ. FT. ($29.10 Includes Site Work) $ 26.30
8. COST/CU. FT. $
9. DATE OF OCCUPANCY
10. MISCELLANEOUS INFORMATION

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE
Broome Technical Community College
Binghamton, New York
Titchener Hall
ARCHITECT
A. T. Lacey & Sons

2. DESCRIPTION OF STRUCTURE

3. DATE OF BID
October 1961

4. TABULATION OF BIDS

GENERAL CONSTRUCTION	$ 423,200
PLUMBING	$ 42,865
HEATING	$ 164,845
ELECTRICAL	$ 87,777
TOTAL	$ 718,687
KITCHEN EQUIPMENT	$
SITE WORK	$
EQUIPMENT	$
FURNITURE	$

5. SQUARE FOOT AREA OF BUILDING 40,250 sq.ft.

6. CUBIC FEET OF BUILDING cu.ft.

7. COST/SQ. FT. $ 17.85

8. COST/CU. FT. $

9. DATE OF OCCUPANCY

10. MISCELLANEOUS INFORMATION

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE
Corning Community College
Corning, New York

ARCHITECT

2. DESCRIPTION OF STRUCTURE
Total Campus

TOTAL CAMPUS BUILDINGS

Library	26,570
Liberal Arts, Classrooms & Administration	40,622
Science Technology	40,365
Student Center	32,158
Gymnasium	26,864
	166,579

3. DATE OF BID
July 1962

4. TABULATION OF BIDS (Including C.O.)

GENERAL CONSTRUCTION	$ 2,719,611.83
PLUMBING	$ 206,416.57
HEATING	$ 501,333.00
ELECTRICAL	$ 357,043.00
TOTAL	$ 3,784,404.40
KITCHEN EQUIPMENT	$
SITE WORK { Site $364,203.00 Water/Sewer 138,638.93	$ 502,841.93
EQUIPMENT, PROFESSIONAL SERVICES, MISCELLANEOUS	$ 473,973.23
FURNITURE	$

5. SQUARE FOOT AREA OF BUILDING 166,579 sq.ft.

6. CUBIC FEET OF BUILDING 2,486,822 cu.ft.

7. COST/SQ. FT. $ 22.66

8. COST/CU. FT. $ 1.50

9. DATE OF OCCUPANCY

10. MISCELLANEOUS INFORMATION

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. **NAME AND LOCATION OF STRUCTURE**

Dutchess Community College
Poughkeepsie, New York
Library

ARCHITECT

Charles J. Cooke, Poughkeepsie, New York
Simion "Ed" Gulamerian, Architect in charge

2. **DESCRIPTION OF STRUCTURE**

Book capacity 68,000 volumes

3. **DATE OF BID**

September 15, 1964

4. **TABULATION OF BIDS**

GENERAL CONSTRUCTION	$ 891,890
PLUMBING	$ 42,790
HEATING	$ 161,890
ELECTRICAL	$ 109,958
Alt. #1 - TV Equipment	49,900
TOTAL	$ 1,256,428
KITCHEN EQUIPMENT	$ ---
SITE WORK (Included in Bids)	$ 150,000 (Estimated)
EQUIPMENT (Bid September 15, 1964)	$ 105,000
BUILT IN EQUIPMENT (In General Contract)	$ 40,000 (Estimated)

5. **SQUARE FOOT AREA OF BUILDING** 33,296 sq.ft.

6. **CUBIC FEET OF BUILDING** 444,484 cu.ft.

7. **COST/SQ. FT.** (Excluding Site Work and TV Equipment) $ 31.00

8. **COST/CU. FT.** $

9. **DATE OF OCCUPANCY** September 1966

10. **MISCELLANEOUS INFORMATION**

Precast prestressed concrete frame with load bearing panels.
Exterior walls - precast exposed aggregate concrete. Roof - precast prestressed ties.
Vinyl wall covering carpeting.

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE

Erie County Technical Institute
Buffalo, New York
Phase I Construction

ARCHITECT

Duane Lyman and Associates, Buffalo, New York

2. DESCRIPTION OF STRUCTURE

An eight building complex of steel and masonry materials in one and two story configurations

Phase I

A.	Administration	45,645 Sq. Ft.
B.	Library	36,527
C.	Student Center	63,300
D.	Gymnasium	27,156
E.	Electrical	23,083
F.	Mechanical	23,580
G.	Construction	29,511
H.	Chem., Met. Med. Office	27,615
		276,417 Sq. Ft.

3. DATE OF BID

November 18, 1958

4. TABULATION OF BIDS

GENERAL CONSTRUCTION	$ 3,430,818.96
PLUMBING	$ 252,649.35
HEATING	$ 533,667.69
ELECTRICAL	$ 683,933.00
TOTAL	$ 4,901,069.00
KITCHEN EQUIPMENT	$ 256,593.55
SITE WORK	$ 449,706.00
EQUIPMENT	$ 1,207,361.54
FURNITURE	$

5. SQUARE FOOT AREA OF BUILDING 276,417 sq.ft.

6. CUBIC FEET OF BUILDING 4,160,124 cu.ft.

7. COST/SQ. FT. $ 17.73

8. COST/CU. FT. $ 1.18

9. DATE OF OCCUPANCY September 1960

10. MISCELLANEOUS INFORMATION

*SEE REVERSE SIDE

***MISCELLANEOUS INFORMATION**

Architects Engineering Services	$ 372,500.02
General Construction	3,430,818.96
Plumbing	252,649.35
Heating	533,667.69
Electrical	683,933.00
Preliminary Expense & Survey Costs	3,201.72
Acquisition of Property	299,032.85
Appraisal of Property	575.00
Site Development	449,706.00
Sanitary Sewage	25,759.25
Sanitary Drain - Spring Student Center	3,719.60
Added Parking & Drainage	10,373.30
Landscaping and Finishing	343,729.45
Equipment (Food Lab Equipment - $256,593.55)	1,463,955.09
Moving of Equipment	69,701.97
Installation of Telephone System	3,146.50
Interior & Exterior Signs	6,140.00
Investigation re Construction	9,260.91
Total Cost of Erie County Technical Institute	$7,961,870.66

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE
Fashion Institute of Technology
New York, New York

ARCHITECT
de Young & Moscowitz and Rosenberg, Architects

2. DESCRIPTION OF STRUCTURE
Stage I - Permanent Campus Building
Administration, Student Activities, Auditorium, Gymnasium, Library, Design & Technology Labs, Classrooms, Lecture Rooms, and Faculty Offices.

3. DATE OF BID
November 15, 1956

4. TABULATION OF BIDS

GENERAL CONSTRUCTION	$5,900,000 + 494,080 (Elevs.) $6,394,080	$ 6,394,080
PLUMBING		$ 523,455
HEATING		$ 668,275
ELECTRICAL		$ 1,153,000
TOTAL		$ 8,814,000
KITCHEN EQUIPMENT		$
SITE WORK		$
EQUIPMENT		$
FURNITURE		$

5. SQUARE FOOT AREA OF BUILDING 298,000 sq.ft.

6. CUBIC FEET OF BUILDING cu.ft.

7. COST/SQ. FT. $ 29.60

8. COST/CU. FT. $

9. DATE OF OCCUPANCY May 1959

10. MISCELLANEOUS INFORMATION

Nine-story building and basement with attached Gymnasium-Auditorium wing. Basement contains student services and Gym; 1st floor contains Administration, Lobby & Exhibit Space; 2nd floor contains Auditorium, Library & Administration; 3rd floor contains Dining Rooms, Kitchen, Labs; 4th floor through 8th contain Labs, Classrooms, Lecture Rooms and Faculty Offices; 9th floor contains Administration, Conference Rooms, and Art Rooms.

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. **NAME AND LOCATION OF STRUCTURE**
Hudson Valley Community College
Troy, New York

ARCHITECT
Robert A. Green, Tarrytown, New York

PHASE I BUILDINGS

		Sq. Ft.
Administration	$ 572,849	37,130
Science	773,126	52,371
Technical #1	412,572	27,988
Technical #2	412,572	26,650
Student Union	543,126	35,547
Total	$2,714,245	179,686

2. **DESCRIPTION OF STRUCTURE**
Phase I

3. **DATE OF BID**
February 27, 1959

4. **TABULATION OF BIDS**

GENERAL CONSTRUCTION	$ 1,999,875
PLUMBING	$ 172,615
HEATING	$ 229,125
ELECTRICAL	$ 312,628
TOTAL	$ 2,714,243
KITCHEN EQUIPMENT	$
SITE WORK	$ 230,000
EQUIPMENT	$ 240,000 + $52,000 (Equipment Connection)
FURNITURE	$

5. **SQUARE FOOT AREA OF BUILDING** 179,686 sq.ft.

6. **CUBIC FEET OF BUILDING** cu.ft.

7. **COST/SQ. FT.** $ 15.05

8. **COST/CU. FT.** $

9. **DATE OF OCCUPANCY** September 1961 (Total)
September 1960 ("A" Building)

10. **MISCELLANEOUS INFORMATION**

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. **NAME AND LOCATION OF STRUCTURE**
Hudson Valley Community College
Troy, New York
Classroom Building

ARCHITECT
Cadman and Droste, Troy, New York

2. **DESCRIPTION OF STRUCTURE**

3. **DATE OF BID**
March 25, 1964

4. **TABULATION OF BIDS**

GENERAL CONSTRUCTION		$ 536,000
PLUMBING		$ 86,980
HEATING		$ 25,875
ELECTRICAL		$ 84,966
TOTAL		$ 733,821
KITCHEN EQUIPMENT		$
SITE WORK	Under 88-204 Grant	$
EQUIPMENT		$ 468,000 ±
FURNITURE		$

5. **SQUARE FOOT AREA OF BUILDING** 56,277 sq.ft.

6. **CUBIC FEET OF BUILDING** cu.ft.

7. **COST/SQ. FT.** $ 13.75

8. **COST/CU. FT.** $

9. **DATE OF OCCUPANCY** September 1965

10. **MISCELLANEOUS INFORMATION**

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE
Jamestown Community College
Jamestown, New York

ARCHITECT
Beck and Tinkham, Jamestown, New York

2. DESCRIPTION OF STRUCTURE
General; Academic & Administration Building

Gymnasium and lockers, Student Union (D.H.), Kitchen, Lounges, Bookstore, Library, Administration, Classrooms (8)

3. DATE OF BID
June 21, 1961

4. TABULATION OF BIDS

GENERAL CONSTRUCTION	$ 614,095
PLUMBING	$ 61,807
HEATING	$ 107,480
ELECTRICAL	$ 79,770
TOTAL	$ 863,152
KITCHEN EQUIPMENT	$ 28,900
SITE WORK	$
EQUIPMENT	$
FURNITURE	$

5. SQUARE FOOT AREA OF BUILDING 47,590 sq.ft.
6. CUBIC FEET OF BUILDING 695,010 cu.ft.
7. COST/SQ. FT. $ 18.14
8. COST/CU. FT. $ 1.25
9. DATE OF OCCUPANCY
10. MISCELLANEOUS INFORMATION

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE
Jefferson Community College
Watertown, New York

ARCHITECT
Parker - Soper, Architects, Watertown, New York

PHASE I BUILDINGS

	Area
Liberal Arts, Business & Engineering	15,534
Administration	6,660
Science	17,806
	40,000

2. DESCRIPTION OF STRUCTURE
Phase I

3. DATE OF BID
June 2, 1964

4. TABULATION OF BIDS

			SITE WORK
GENERAL CONSTRUCTION ($581,793 + C.O. $2,242.11)	$	584,035.11 -	150,000
PLUMBING ($63,947 + C.O. Rock Excavation)	$	78,767.43 -	31,000
HEATING	$	85,951.00	
ELECTRICAL ($81,244 + C.O. $2,229.74)	$	83,473.74 -	6,800
TOTAL	$	832,227.00	
KITCHEN EQUIPMENT	$		
SITE WORK	$	187,800.00	
EQUIPMENT	$		
FURNITURE	$		

5. SQUARE FOOT AREA OF BUILDING 40,000 sq.ft.

6. CUBIC FEET OF BUILDING 573,102 cu.ft.

7. COST/SQ. FT. ($20.80 Including Site Work) $ 16.10

8. COST/CU. FT. ($1.43 Including Site Work) $ 1.13

9. DATE OF OCCUPANCY June 1965

10. MISCELLANEOUS INFORMATION

Basement figured at one-half total area.
Basement under Laboratory Wing.
Site Work in general contract. (Long entrance drive, parking lot walks service drive, storm sewer, septic and disposal field grading and seeding) 1800 feet of water main through rock.

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE
Jefferson Community College
Watertown, New York

ARCHITECT
Parker - Soper, Architects, Watertown, New York

2. DESCRIPTION OF STRUCTURE
Phase II
Library - 29,260
Student Activities Bldg. - 61,100
Total Area 90,360 Sq. Ft.

3. DATE OF BID
May 24, 1966

4. TABULATION OF BIDS

		SITE WORK
GENERAL CONSTRUCTION	$ 1,245,593	- 150,571
PLUMBING	$ 149,887	- 52,947
HEATING	$ 198,500	
ELECTRICAL	$ 244,410	- 37,000
TOTAL	$ 1,838,390	
KITCHEN EQUIPMENT	$	
SITE WORK	$ 240,518	
EQUIPMENT	$	
FURNITURE	$	

5. SQUARE FOOT AREA OF BUILDING 90,360 sq.ft.

6. CUBIC FEET OF BUILDING 1,146,400 cu.ft.

7. COST/SQ. FT. ($20.35 Includes Site Work) $ 17.75

8. COST/CU. FT. ($1.60 Includes Site Work) $ 1.38

9. DATE OF OCCUPANCY Not Complete

10. MISCELLANEOUS INFORMATION
Above costs include site work. Sewer - 2,000' through rock and sewage pumping station. Large paved parking lot.
Basement under entire Library figured at one-half.

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE
Monroe Community College
Rochester, New York

ARCHITECT
Caudill, Rowlett & Scott (Coordinating Architects) Barrows, Parks, Morrin, Hall & Brennan
Ribson and Roberts
Todd and Giroux

2. DESCRIPTION OF STRUCTURE
Total Phase I
Eleven Buildings (Including Building 10-A)

3. DATE OF BID
August 27, 1965

4. TABULATION OF BIDS

GENERAL CONSTRUCTION	$ 8,963,000
PLUMBING	$ 616,986
HEATING	$ 2,896,000
ELECTRICAL	$ 2,572,360
TOTAL	$ 15,048,346
KITCHEN EQUIPMENT	$ 351,402
SITE WORK *SEE REVERSE SIDE	$ 3,207,804
EQUIPMENT (FIXED)	$ 771,815
FURNITURE	$ 500,000

5. SQUARE FOOT AREA OF BUILDING 664,094 sq.ft.

6. CUBIC FEET OF BUILDING ______ cu.ft.

7. COST/SQ. FT. $ 22.65

8. COST/CU. FT. $ ______

9. DATE OF OCCUPANCY September 1968 (Estimated)

10. MISCELLANEOUS INFORMATION

Architect and Engineers' Fees	$ 1,166,422
Furnishings	500,000
Landscaping	100,000
Owner's Administrative Exp. and Contingency	300,000
Rough Grading (Under Contract)	247,800
	$ 2,314,222
Total Bids	19,142,782
Total Cost of Construction	$21,457,004

***SITE WORK**

Rough Grading		$ 247,800
Paving and Grading		1,465,610
Utilities		751,070
Steam Transmission		680,969
Tennis Courts	$26,730	
Fencing	5,500	
Track	23,025	
Tennis Court Ut	7,110	
	$62,365	62,365
		$3,207,804

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE
Monroe Community College
Rochester, New York
Administration - Building #1
ARCHITECT
Caudill, Rowlett & Scott (Coordinating Architects)
Barrows, Parks, Morrin, Hall & Brennan
Ribson and Roberts
Todd and Giroux

2. DESCRIPTION OF STRUCTURE

3. DATE OF BID
August 27, 1965

4. TABULATION OF BIDS

GENERAL CONSTRUCTION	$ 635,000	(59%)
PLUMBING HEATING	$ 250,840	(23%)
ELECTRICAL	$ 188,336	(18%)
TOTAL	$ 1,074,176	
KITCHEN EQUIPMENT	$	
SITE WORK	$	
EQUIPMENT	$	
FURNITURE	$	

5. SQUARE FOOT AREA OF BUILDING 49,693 sq.ft.
6. CUBIC FEET OF BUILDING cu.ft.
7. COST/SQ. FT. $ 21.61
8. COST/CU. FT. $
9. DATE OF OCCUPANCY
10. MISCELLANEOUS INFORMATION

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE

Monroe Community College
Rochester, New York
Library & Student Center, Bldgs. #2 and #3

ARCHITECT

Caudill, Rowlett & Scott (Coordinating Architects)
Barrows, Parks, Morrin, Hall & Brennan
Ribson and Roberts
Todd and Giroux

2. DESCRIPTION OF STRUCTURE

3. DATE OF BID

August 27, 1965

4. TABULATION OF BIDS

GENERAL CONSTRUCTION	$ 2,114,000	(57%)
PLUMBING HEATING	$ 901,037	(24%)
ELECTRICAL	$ 670,852	(19%)
TOTAL	$ 3,685,889	
KITCHEN EQUIPMENT	$	
SITE WORK	$	
EQUIPMENT	$	
FURNITURE	$	

5. SQUARE FOOT AREA OF BUILDING 163,038 sq.ft.

6. CUBIC FEET OF BUILDING ______ cu.ft.

7. COST/SQ. FT. $ 22.60

8. COST/CU. FT. $

9. DATE OF OCCUPANCY

10. MISCELLANEOUS INFORMATION

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE
Monroe Community College
Rochester, New York
Fine Arts - Building #4

ARCHITECT
Caudill, Rowlett & Scott (Coordinating Architects)
Barrows, Parks, Morrin, Hall & Brennan
Ribson and Roberts
Todd and Giroux

2. DESCRIPTION OF STRUCTURE

3. DATE OF BID
August 27, 1965

4. TABULATION OF BIDS

GENERAL CONSTRUCTION	$ 728,000	(69%)
PLUMBING HEATING	$ 178,754	(17%)
ELECTRICAL	$ 144,800	(14%)
TOTAL	$ 1,051,554	
KITCHEN EQUIPMENT	$	
SITE WORK	$	
EQUIPMENT	$	
FURNITURE	$	

5. SQUARE FOOT AREA OF BUILDING 35,092 sq.ft.
6. CUBIC FEET OF BUILDING cu.ft.
7. COST/SQ. FT. $ 29.96
8. COST/CU. FT. $
9. DATE OF OCCUPANCY
10. MISCELLANEOUS INFORMATION

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE
Monroe Community College
Rochester, New York
Office-Lecture Hall - Building #5
ARCHITECT
Caudill, Rowlett & Scott (Coordinating Architects)
Barrows, Parks, Morrin, Hall & Brennan
Ribson and Roberts
Todd and Giroux

2. DESCRIPTION OF STRUCTURE

3. DATE OF BID
August 27, 1965

4. TABULATION OF BIDS

GENERAL CONSTRUCTION	$ 775,000	(63%)
PLUMBING	$ 260,640	(21%)
HEATING	$	
ELECTRICAL	$ 191,500	(16%)
TOTAL	$ 1,227,140	
KITCHEN EQUIPMENT	$	
SITE WORK	$	
EQUIPMENT	$	
FURNITURE	$	

5. SQUARE FOOT AREA OF BUILDING 55,082 sq.ft.
6. CUBIC FEET OF BUILDING cu.ft.
7. COST/SQ. FT. $ 22.27
8. COST/CU. FT. $
9. DATE OF OCCUPANCY
10. MISCELLANEOUS INFORMATION

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE
Monroe Community College
Rochester, New York
Humanities - Building #6

ARCHITECT
Caudill, Rowlett & Scott (Coordinating Architects)
Barrows, Parks, Morrin, Hall & Brennan
Ribson and Roberts
Todd and Giroux

2. DESCRIPTION OF STRUCTURE

3. DATE OF BID
August 27, 1965

4. TABULATION OF BIDS

GENERAL CONSTRUCTION	$ 751,000	(57%)
PLUMBING HEATING	$ 313,588 $	
ELECTRICAL	$ 252,376	(24%)
TOTAL	$ 1,316,964	(19%)
KITCHEN EQUIPMENT	$	
SITE WORK	$	
EQUIPMENT	$	
FURNITURE	$	

5. SQUARE FOOT AREA OF BUILDING 66,926 sq.ft.
6. CUBIC FEET OF BUILDING cu.ft.
7. COST/SQ. FT. $ 19.67
8. COST/CU. FT. $
9. DATE OF OCCUPANCY
10. MISCELLANEOUS INFORMATION

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE
Monroe Community College
Rochester, New York
Science - Building #7

ARCHITECT
Caudill, Rowlett & Scott (Coordinating Architects)
Barrows, Parks, Morrin, Hall & Brennan
Ribson and Roberts
Todd and Giroux

2. DESCRIPTION OF STRUCTURE

3. DATE OF BID
August 27, 1965

4. TABULATION OF BIDS

GENERAL CONSTRUCTION	$ 1,103,000	(51%)
PLUMBING	$ 763,892	(36%)
HEATING	$	
ELECTRICAL	$ 276,795	(13%)
TOTAL	$ 2,143,687	
KITCHEN EQUIPMENT	$	
SITE WORK	$	
EQUIPMENT	$	
FURNITURE	$	

5. SQUARE FOOT AREA OF BUILDING 61,959 sq.ft.

6. CUBIC FEET OF BUILDING cu.ft.

7. COST/SQ. FT. $ 34.59

8. COST/CU. FT. $

9. DATE OF OCCUPANCY

10. MISCELLANEOUS INFORMATION

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE

Monroe Community College
Rochester, New York
Office-Lecture Hall - Building #8

ARCHITECT

Caudill, Rowlett & Scott (Coordinating Architects)
Barrows, Parks, Morrin, Hall & Brennan
Ribson and Roberts
Todd and Giroux

2. DESCRIPTION OF STRUCTURE

3. DATE OF BID

August 27, 1965

4. TABULATION OF BIDS

GENERAL CONSTRUCTION	$ 844,000	(60%)
PLUMBING }	$ 303,433	(21%)
HEATING }	$	
ELECTRICAL	$ 264,476	(19%)
TOTAL	$ 1,411,909	
KITCHEN EQUIPMENT	$	
SITE WORK	$	
EQUIPMENT	$	
FURNITURE	$	

5. SQUARE FOOT AREA OF BUILDING 70,100 sq.ft.

6. CUBIC FEET OF BUILDING cu.ft.

7. COST/SQ. FT. $ 20.14

8. COST/CU. FT. $

9. DATE OF OCCUPANCY

10. MISCELLANEOUS INFORMATION

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE
Monroe Community College
Rochester, New York
Engineering Technical - Building #9

ARCHITECT
Caudill, Rowlett & Scott (Coordinating Architects)
Barrows, Parks, Morrin, Hall & Brennan
Ribson and Roberts
Todd and Giroux

2. DESCRIPTION OF STRUCTURE

3. DATE OF BID
August 27, 1965

4. TABULATION OF BIDS

GENERAL CONSTRUCTION	$ 887,000	(60%)
PLUMBING HEATING	$ 241,570	(16%)
ELECTRICAL	$ 343,382	(24%)
TOTAL	$ 1,471,852	
KITCHEN EQUIPMENT	$	
SITE WORK	$	
EQUIPMENT	$	
FURNITURE	$	

5. SQUARE FOOT AREA OF BUILDING 79,839 sq.ft.

6. CUBIC FEET OF BUILDING cu.ft.

7. COST/SQ. FT. $ 18.43

8. COST/CU. FT. $

9. DATE OF OCCUPANCY

10. MISCELLANEOUS INFORMATION

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE
Monroe Community College
Rochester, New York
Gymnasium - Building #10

ARCHITECT
Caudill, Rowlett & Scott (Coordinating Architects)
Barrows, Parks, Morrin, Hall & Brennan
Ribson and Roberts
Todd and Giroux

2. DESCRIPTION OF STRUCTURE

3. DATE OF BID
August 27, 1965

4. TABULATION OF BIDS

GENERAL CONSTRUCTION	$ 891,000	(67%)
PLUMBING }	$ 258,298	(19%)
HEATING }	$	
ELECTRICAL	$ 172,476	(14%)
TOTAL	$ 1,321,774	
KITCHEN EQUIPMENT	$	
SITE WORK	$	
EQUIPMENT	$	
FURNITURE	$	

5. SQUARE FOOT AREA OF BUILDING 66,084 sq.ft.

6. CUBIC FEET OF BUILDING cu.ft.

7. COST/SQ. FT. $ 20.00

8. COST/CU. FT. $

9. DATE OF OCCUPANCY

10. MISCELLANEOUS INFORMATION

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE

Monroe Community College
Rochester, New York
Building #10A

ARCHITECT

Caudill, Rowlett & Scott (Coordinating Architects)

Barrows, Parks, Morrin, Hall & Brennan
Ribson and Roberts
Todd and Giroux

2. DESCRIPTION OF STRUCTURE

3. DATE OF BID

4. TABULATION OF BIDS

GENERAL CONSTRUCTION	$ 10,000	(66%)
PLUMBING	$ 480	(4%)
HEATING	$ 4,527	(33%)
ELECTRICAL	$	
TOTAL	$ 15,007	
KITCHEN EQUIPMENT	$	
SITE WORK	$	
EQUIPMENT	$	
FURNITURE	$	

5. SQUARE FOOT AREA OF BUILDING 450 sq.ft.

6. CUBIC FEET OF BUILDING cu.ft.

7. COST/SQ. FT. $ 33.34

8. COST/CU. FT. $

9. DATE OF OCCUPANCY

10. MISCELLANEOUS INFORMATION

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE

Monroe Community College
Rochester, New York
Building #10A

ARCHITECT

Caudill, Rowlett & Scott (Coordinating Architects)
Barrows, Parks, Morrin, Hall & Brennan
Ribson and Roberts
Todd and Giroux

2. DESCRIPTION OF STRUCTURE

3. DATE OF BID

4. TABULATION OF BIDS

GENERAL CONSTRUCTION	$ 10,000	(66%)
PLUMBING	$ 480	(4%)
HEATING	$ 4,527	(33%)
ELECTRICAL	$	
TOTAL	$ 15,007	
KITCHEN EQUIPMENT	$	
SITE WORK	$	
EQUIPMENT	$	
FURNITURE	$	

5. SQUARE FOOT AREA OF BUILDING 450 sq.ft.

6. CUBIC FEET OF BUILDING cu.ft.

7. COST/SQ. FT. $ 33.34

8. COST/CU. FT. $

9. DATE OF OCCUPANCY

10. MISCELLANEOUS INFORMATION

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE

Monroe Community College
Rochester, New York
Building #11

ARCHITECT

Caudill, Rowlett & Scott (Coordinating Architects)

Barrows, Parks, Morrin, Hall & Brennan
Ribson and Roberts
Todd and Giroux

2. DESCRIPTION OF STRUCTURE

3. DATE OF BID

August 27, 1965

4. TABULATION OF BIDS

GENERAL CONSTRUCTION	$ 225,000	(68%)
PLUMBING	$ 40,454	(12%)
HEATING	$	
ELECTRICAL	$ 62,940	(20%)
TOTAL	$ 328,394	
KITCHEN EQUIPMENT	$	
SITE WORK	$	
EQUIPMENT	$	
FURNITURE	$	

5. SQUARE FOOT AREA OF BUILDING 15,831 sq.ft.

6. CUBIC FEET OF BUILDING cu.ft.

7. COST/SQ. FT. $ 20.17

8. COST/CU. FT. $

9. DATE OF OCCUPANCY

10. MISCELLANEOUS INFORMATION

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE

New York City Community College of Applied Arts & Sciences
Brooklyn, New York
Academic & Science Building (Namm Hall)

ARCHITECT

Egers & Higgins - Chapman, Evans & Delehanty

2. DESCRIPTION OF STRUCTURE

Eleven story fireproof steel structure, brick exterior

3. DATE OF BID

November 13, 1964

4. TABULATION OF BIDS

GENERAL CONSTRUCTION	$ 6,609,600
PLUMBING	$ 532,422
HEATING	$ 1,152,407
ELECTRICAL	$ 724,888
TOTAL	$ 9,119,317
KITCHEN EQUIPMENT (Cafeteria) Included in General	$ Construction
SITE WORK (Included in General Construction)	$
EQUIPMENT } Fixed Equipment Included in Four Prime Contracts*	$
FURNITURE }	$

5. SQUARE FOOT AREA OF BUILDING	360,615 sq.ft.
6. CUBIC FEET OF BUILDING	4,577,612 cu.ft.
7. COST/SQ. FT.	$ 25.33
8. COST/CU. FT.	$ 1.97
9. DATE OF OCCUPANCY	September 1967

10. MISCELLANEOUS INFORMATION

Demolition originally included in preliminary specs. However, subsequent information indicates this had been done with no regard to contract or any other data on file. Demolition separate contract $15,299.

*Non-fixed equipment, furniture, etc., to be purchased in 1966 (estimated at $950,000).

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. **NAME AND LOCATION OF STRUCTURE**
New York City Community College of Applied Arts & Sciences
Brooklyn, New York
Auditorium & Gymnasium

ARCHITECT
Francis Keally

2. **DESCRIPTION OF STRUCTURE**
Two-story fireproof steel structure, brick exterior

3. **DATE OF BID**

4. **TABULATION OF BIDS**

GENERAL CONSTRUCTION	$ 1,617,000
PLUMBING	$ 149,980
HEATING	$ 357,825
ELECTRICAL	$ 214,000
TOTAL	$ 2,338,805
KITCHEN EQUIPMENT	$
SITE WORK (Included in General Construction)	$
EQUIPMENT }	$
FURNITURE }	$ 140,000

5. **SQUARE FOOT AREA OF BUILDING** 60,440 sq.ft.

6. **CUBIC FEET OF BUILDING** 1,259,772 cu.ft.

7. **COST/SQ. FT.** $ 37.04

8. **COST/CU. FT.** $ 1.85½

9. **DATE OF OCCUPANCY** September 1963*

10. **MISCELLANEOUS INFORMATION**
*Official "Taking of Possession" although many changes still remained to be completed.

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE
Orange County Community College
Middletown, New York
Harriman Hall

ARCHITECT
Fleming - Silverman

2. DESCRIPTION OF STRUCTURE
New Classroom and Laboratory Building

3. DATE OF BID
June 1962

4. TABULATION OF BIDS

GENERAL CONSTRUCTION	$ 629,700
PLUMBING	$ 49,738
HEATING	$ 143,689
ELECTRICAL	$ 73,400
TOTAL	$ 896,527
KITCHEN EQUIPMENT	$
SITE WORK	$ 26,500
EQUIPMENT	$ 172,000
FURNITURE	$

5. SQUARE FOOT AREA OF BUILDING	53,196 sq.ft.
6. CUBIC FEET OF BUILDING	cu.ft.
7. COST/SQ. FT.	$ 16.80 (Incl. Fixed Equip.)
8. COST/CU. FT.	$
9. DATE OF OCCUPANCY	September 1963

10. MISCELLANEOUS INFORMATION

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE
Orange County Community College
Middletown, New York
Hudson Hall

ARCHITECT
Robert A. Green

2. DESCRIPTION OF STRUCTURE
Classroom - Laboratory

3. DATE OF BID
February 1953

4. TABULATION OF BIDS

GENERAL CONSTRUCTION	$ 169,000
PLUMBING	$ 16,000
HEATING	$ 16,400
ELECTRICAL	$ 18,500
TOTAL	$ 219,900
KITCHEN EQUIPMENT	$
SITE WORK	$
EQUIPMENT	$
FURNITURE	$

5. SQUARE FOOT AREA OF BUILDING	15,732 sq.ft.
6. CUBIC FEET OF BUILDING	80,012 cu.ft.
7. COST/SQ. FT.	$ 14.00
8. COST/CU. FT.	$ 1.22
9. DATE OF OCCUPANCY	October 1955

10. MISCELLANEOUS INFORMATION

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE
Orange County Community College
Middletown, New York
Orange Hall

ARCHITECT
Robert A. Green

2. DESCRIPTION OF STRUCTURE
Student Union - Gymnasium

3. DATE OF BID
February 1957

4. TABULATION OF BIDS

GENERAL CONSTRUCTION	$ 567,300
PLUMBING	$ 35,200
HEATING	$ 49,200
ELECTRICAL	$ 56,800
TOTAL	$ 708,500
KITCHEN EQUIPMENT	$
SITE WORK	$
EQUIPMENT	$
FURNITURE	$

5. SQUARE FOOT AREA OF BUILDING	37,600 sq.ft.
6. CUBIC FEET OF BUILDING	623,010 cu.ft.
7. COST/SQ. FT.	$ 18.80
8. COST/CU. FT.	$ 1.13
9. DATE OF OCCUPANCY	September 1958

10. MISCELLANEOUS INFORMATION

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE
Orange County Community College
Middletown, New York
Sarah Wells Library

ARCHITECT
Robert A. Green

2. DESCRIPTION OF STRUCTURE
Library - Three Tiers

3. DATE OF BID
February 1957

4. TABULATION OF BIDS

GENERAL CONSTRUCTION	$ 168,700
PLUMBING	$ 7,700
HEATING	$ 13,000
ELECTRICAL	$ 21,400
TOTAL	$ 210,800
KITCHEN EQUIPMENT	$
SITE WORK	$
EQUIPMENT	$
FURNITURE	$

5. SQUARE FOOT AREA OF BUILDING 11,480 sq.ft.
6. CUBIC FEET OF BUILDING 123,742 cu.ft.
7. COST/SQ. FT. $ 18.30
8. COST/CU. FT. $ 1.70
9. DATE OF OCCUPANCY September 1958
10. MISCELLANEOUS INFORMATION

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE
Queensborough Community College
Bayside, New York

ARCHITECT
Holden, Egan, Wilson & Corser and Frederic P. Wiedersum Associates, Architects

2. DESCRIPTION OF STRUCTURE
Phase I - Library-Administration Bldg., Science & Gymnasium Bldg, Gatehouses #1 & #2, alterations to existing Oakland Bldg., and alterations to existing Technology Bldg.

3. DATE OF BID
May 25, 1965

4. TABULATION OF BIDS

GENERAL CONSTRUCTION (Includes Site Work)	$ 6,193,000
PLUMBING	$ 667,000
HEATING	$ 1,779,700
ELECTRICAL	$ 763,950
TOTAL	$ 9,403,650
KITCHEN EQUIPMENT	$
SITE WORK	$
EQUIPMENT }	$ 600,000 (Estimated)
FURNITURE }	$

5. SQUARE FOOT AREA OF BUILDING 357,000 sq.ft.

6. CUBIC FEET OF BUILDING cu.ft.

7. COST/SQ. FT. $ 26.33

8. COST/CU. FT. $

9. DATE OF OCCUPANCY September 1967

10. MISCELLANEOUS INFORMATION

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

NAME AND LOCATION OF STRUCTURE
Queensborough Community College
Bayside, New York

ARCHITECT
Architectural Unit, New York City Board of Higher Education

2. DESCRIPTION OF STRUCTURE
Technology Building

3. DATE OF BID
August 1961

4. TABULATION OF BIDS

GENERAL CONSTRUCTION (Includes Site Work)	$ 473,000
PLUMBING	$ 45,650
HEATING	$ 82,064
ELECTRICAL	$ 160,000
TOTAL	$ 760,714
KITCHEN EQUIPMENT	$
SITE WORK	$
EQUIPMENT	$
FURNITURE	$

5. SQUARE FOOT AREA OF BUILDING 24,180 sq.ft.
6. CUBIC FEET OF BUILDING cu.ft.
7. COST/SQ. FT. $ 31.50
8. COST/CU. FT. $
9. DATE OF OCCUPANCY September 1963
10. MISCELLANEOUS INFORMATION

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE
Staten Island Community College
Staten Island, New York
Phase II

ARCHITECT
Moore & Hutchins and A. Gordon Lorrimer Assoc., Architects

2. DESCRIPTION OF STRUCTURE
Phase II - Bldg. #1, Administration, Library, Business, Tech. Classrooms. Bldg. #2, Science Lab & Classrooms. Bldg. #3, Electrical Tech. Labs & Classrooms. Bldg. #4, Mechanical Tech. Labs & Classrooms. Bldg. #5, Gym, Student Center, Cafeteria. Bldg. #6, Maintenance.

3. DATE OF BID
April 8, 1965

4. TABULATION OF BIDS

GENERAL CONSTRUCTION	$ 5,439,000
PLUMBING	$ 674,995
HEATING	$ 1,427,000
ELECTRICAL	$ 1,085,790
TOTAL	$ 8,626,785
KITCHEN EQUIPMENT	$
SITE WORK (Phase I)	$ 1,075,000
EQUIPMENT (Including Moving)	$
FURNITURE (Including Moving)	$ 1,200,000

5. SQUARE FOOT AREA OF BUILDING 307,058 sq.ft.

6. CUBIC FEET OF BUILDING cu.ft.

7. COST/SQ. FT. $ 28.00

8. COST/CU. FT. $

9. DATE OF OCCUPANCY September 1967

10. MISCELLANEOUS INFORMATION

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE
Suffolk County Community College
Selden, New York
Gymnasium

ARCHITECT

2. DESCRIPTION OF STRUCTURE
Gymnasium

3. DATE OF BID
October 1963

4. TABULATION OF BIDS

GENERAL CONSTRUCTION	$ 900,706
PLUMBING	$ 92,219
HEATING & VENTILATING	$ 169,970
ELECTRICAL	$ 87,828
TOTAL	$ 1,250,723
KITCHEN EQUIPMENT	$
SITE WORK	$ 120,675
EQUIPMENT	$ 35,000
FURNITURE	$

5. SQUARE FOOT AREA OF BUILDING	53,942	sq.ft.
6. CUBIC FEET OF BUILDING		cu.ft.
7. COST/SQ. FT.	$ 23.10	
8. COST/CU. FT.	$	
9. DATE OF OCCUPANCY		

10. MISCELLANEOUS INFORMATION
Site work includes 300 parking spaces, lighting, walks, egress road, and site work around the building.

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE
Suffolk County Community College
Selden, New York
Humanities Building

ARCHITECT

2. DESCRIPTION OF STRUCTURE
Humanities Building

3. DATE OF BID
May 1964

4. TABULATION OF BIDS

GENERAL CONSTRUCTION	$ **1,412,000**
PLUMBING	$ **80,931**
HEATING	$ **287,900**
ELECTRICAL	$ **251,568**
TOTAL	$ **2,032,399**
KITCHEN EQUIPMENT	$
SITE WORK	$ **190,000**
EQUIPMENT **(Included in General Contract)**	$ **133,000**
FURNITURE	$ **60,000**

5. SQUARE FOOT AREA OF BUILDING **85,000** sq.ft.

6. CUBIC FEET OF BUILDING ______ cu.ft.

7. COST/SQ. FT. $ **23.90**

8. COST/CU. FT. $ ______

9. DATE OF OCCUPANCY ______

10. MISCELLANEOUS INFORMATION
Site Work includes 400 parking spaces, lighting, walks, egress road, and site work around the building.

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE
Suffolk County Community College
Selden, New York
Library

ARCHITECT
Dobiecki, Beattie, and Colyer, Architects
Brentwood, New York

2. DESCRIPTION OF STRUCTURE
Library - 90,000 volumes

3. DATE OF BID
September 1, 1966

4. TABULATION OF BIDS

GENERAL CONSTRUCTION	$ **1,359,350**
PLUMBING	$ **54,318**
HEATING	$ **267,762**
ELECTRICAL	$ **212,021**
TOTAL	$ **1,893,451***
KITCHEN EQUIPMENT	$
SITE WORK ***(Includes Site Work)**	$ **183,544**
EQUIPMENT	$
FURNITURE	$ **125,000**

5. SQUARE FOOT AREA OF BUILDING **66,687** sq.ft.
6. CUBIC FEET OF BUILDING cu.ft.
7. COST/SQ. FT. $ **28.36**
8. COST/CU. FT. $
9. DATE OF OCCUPANCY
10. MISCELLANEOUS INFORMATION

Two story plus ground floor, steel frame reinforced concrete floors, brick exterior cavity wall with exposed brick interior, exterior concrete columns, boiler room, air conditioned, carpeting, hung acoustical ceilings, elevator. Site work includes 320 parking spaces, lighting, walks, egress road, and site work around the building.

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE

Suffolk County Community College
Selden, New York
Student Center

ARCHITECT

Dobiecki, Beattie, and Colyer, Architects
Brentwood, New York

2. DESCRIPTION OF STRUCTURE

Student Center

3. DATE OF BID

January 1966

4. TABULATION OF BIDS

GENERAL CONSTRUCTION		$ **1,070,000**
PLUMBING		$ **78,250**
HEATING		$ **222,298**
ELECTRICAL		$ **116,440**
TOTAL		$ **1,487,188***
KITCHEN EQUIPMENT	***(Includes kitchen equipment)**	$
SITE WORK		$ **98,271**
EQUIPMENT		$
FURNITURE		$ **75,000**

5. SQUARE FOOT AREA OF BUILDING	**60,220**	sq.ft.
6. CUBIC FEET OF BUILDING	**803,250**	cu.ft.
7. COST/SQ. FT.	$ **24.70**	
8. COST/CU. FT.	$ **1.85**	
9. DATE OF OCCUPANCY		

10. MISCELLANEOUS INFORMATION

Site work includes 200 parking spaces, lighting, walks, egress road, and site work around the building.

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE

Ulster County Community College
Kingston, New York
Phase I

ARCHITECT
Augustus Schrowang, Kingston, New York

2. DESCRIPTION OF STRUCTURE

		COST	AREA	COST/SQ. FT.
Library	- Bsmt. plus 2 fls.(½ (3658) + 14594)	$ 498,540	16,423	$30.40
All Purpose	- 1 floor	195,890	7,080	28.00
Business Study	- 1 floor plus partial basement	449,700	21,680	20.72
Science	- 1 floor	515,850	21,840	23.55
		$1,659,980	67,023	$24.76

3. DATE OF BID

December 20, 1965

4. TABULATION OF BIDS

GENERAL CONSTRUCTION		$ 1,262,690
PLUMBING		$ 83,150
HEATING		$ 157,250
ELECTRICAL		$ 156,890
TOTAL		$ 1,659,980
KITCHEN EQUIPMENT		$ None
SITE WORK	Rough Grading and Utilities	$ 190,000
	Finish Grading and Parking	150,000
	Exterior Lighting	100,000
EQUIPMENT		$ 204,300
FURNITURE		$

5. SQUARE FOOT AREA OF BUILDING 67,023 sq.ft.

6. CUBIC FEET OF BUILDING 924,432 cu.ft.

7. COST/SQ. FT. $ 24.76

8. COST/CU. FT. $ 1.80

9. DATE OF OCCUPANCY September 1967

10. MISCELLANEOUS INFORMATION

Walls - brick, 2" insulation, concrete block, exterior wall bearing, slab on grade, interior walls exposed block, gypsum roof on L. S. joist. Limestone trim, no equipment in construction contract. Electric heat. (Mechanical basement space in Library computed at one-half area.)

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE
Westchester Community College
Valhalla, New York
Engineering Technology Center
ARCHITECT
Robert A. Green

2. DESCRIPTION OF STRUCTURE
One story, concrete block on steel, cut-stone veneer exterior building - providing 10 classrooms, 1 library faculty - 13 laboratory and machine areas, 12 faculty offices, student study and lounge, service and supporting areas.

3. DATE OF BID
July 20, 1960

4. TABULATION OF BIDS (Final Cost)

GENERAL CONSTRUCTION	$ 900,710.86
PLUMBING	$ 79,091.28
HEATING	$ 159,352.00
ELECTRICAL	$ 135,846.30
TOTAL	$ 1,275,000.44
KITCHEN EQUIPMENT	$
SITE WORK	$ 56,250.00
EQUIPMENT	$ 114,468.00
FURNITURE	$ 86,571.28

5. SQUARE FOOT AREA OF BUILDING 70,571 sq.ft.

6. CUBIC FEET OF BUILDING 921,313 cu.ft.

7. COST/SQ. FT. $ 18.07

8. COST/CU. FT. $ 1.38

9. DATE OF OCCUPANCY October 1961

10. MISCELLANEOUS INFORMATION

Miscellaneous Construction	$11,863.30
Architect Fee	94,800.39
Adv. and Engineering Expenses	3,745.22

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE
Westchester Community College
Valhalla, New York
Library Building
ARCHITECT
Robert A. Green, Tarrytown, New York

2. DESCRIPTION OF STRUCTURE
75,000 volumes - 800 readers

3. DATE OF BID

4. TABULATION OF BIDS

GENERAL CONSTRUCTION		$ 841,000
PLUMBING		$ 35,000
HEATING		$ 190,400
ELECTRICAL		$ 202,450
TOTAL		$ 1,268,850
KITCHEN EQUIPMENT		$
SITE WORK	S.C. $ 30,000 Site 136,800	$ 166,800
EQUIPMENT, FURNITURE, BOOKS		$ 200,000
FURNITURE		$

5. SQUARE FOOT AREA OF BUILDING 51,307 sq.ft.

6. CUBIC FEET OF BUILDING 616,877 cu.ft.

7. COST/SQ. FT. $ 24.73

8. COST/CU. FT. $ 2.05

9. DATE OF OCCUPANCY

10. MISCELLANEOUS INFORMATION
Three story plus basement (at ground level at rear)
Reinforced concrete frame - stone exterior - two elevators.
Air conditioned with humidity control.
Heating System - hot water-oil.

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE
Westchester Community College
Valhalla, New York
Physical Education Building

ARCHITECT
Robert A. Green

2. DESCRIPTION OF STRUCTURE
Usual - concrete block on steel, cut-stone veneer exterior building, containing 2 classrooms - 1 main and 2 auxiliary gymnasiums, locker, shower and sanitary areas, 5 faculty and 2 administrative offices, service areas, storage and supporting space.

3. DATE OF BID
February 20, 1963

4. TABULATION OF BIDS (Final Cost)

GENERAL CONSTRUCTION	$ 872,447.53
PLUMBING	$ 79,678.00
HEATING	$ 169,619.00
ELECTRICAL	$ 66,306.00
TOTAL	$ 1,188,050.53
KITCHEN EQUIPMENT	$
SITE WORK	$
EQUIPMENT	$ 24,453.67
FURNITURE	$

5.	SQUARE FOOT AREA OF BUILDING	54,234 sq.ft.
6.	CUBIC FEET OF BUILDING	989,734 cu.ft.
7.	COST/SQ. FT.	$ 21.93
8.	COST/CU. FT.	$ 1.20
9.	DATE OF OCCUPANCY	September 1964

10. MISCELLANEOUS INFORMATION

Miscellaneous Construction	$ 3,209.32
Architect Fees	71,866.05
Adv. and Engineering Exp.	1,929.69
Construction Inspection (Dept. Public Works Engr.)	23,675.63
Total Project Expenditure	$1,313,184.89

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE
Westchester Community College
Valhalla, New York
Student Center & Food Laboratory Building

ARCHITECT
Robert A. Green

2. DESCRIPTION OF STRUCTURE
Combination - two story concrete block on steel, cut-stone veneer exterior bldg., providing 3 classrooms, 2 instructional labs., 1 health room, 3 student activity rooms, 9 faculty and 10 administrative offices, student lounge; food kitchens, dining areas, service and supporting areas

3. DATE OF BID
July 19, 1961

4. TABULATION OF BIDS (Final Cost)

GENERAL CONSTRUCTION	$ 829,280.10
PLUMBING	$ 71,203.63
HEATING	$ 227,120.60
ELECTRICAL	$ 154,370.39
TOTAL	$ 1,281,974.72
KITCHEN EQUIPMENT	$ 105,321.00
SITE WORK	$ 37,500.00
EQUIPMENT	$ 61,667.26
FURNITURE	$

5. SQUARE FOOT AREA OF BUILDING	54,450 sq.ft.
6. CUBIC FEET OF BUILDING	739,252 cu.ft.
7. COST/SQ. FT.	$ 23.50
8. COST/CU. FT.	$ 1.73
9. DATE OF OCCUPANCY	January 1963

10. MISCELLANEOUS INFORMATION

Miscellaneous Construction	$ 1,909.15
Architect Fee	76,254.93
Adv. and Engineering Exp.	1,699.28
Construction Inspection (Department of Public Works Eng.)	21,297.25
Total Project Expenditure	$1,587,623.59